

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121020\
 Data File : VN065038.D
 Acq On : 10 Dec 2020 10:23
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:32:16 PM

Quant Time: Dec 10 14:16:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 10 14:05:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	200552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	316993	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	284119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130850	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	13314	5.71	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	11.42%#
35) Dibromofluoromethane	7.55	113	11173	5.80	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	11.60%#
50) Toluene-d8	10.05	98	39101	5.02	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	10.04%#
62) 4-Bromofluorobenzene	12.37	95	12504	4.51	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	9.02%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	9384	5.598	ug/l 95
3) Chloromethane	2.04	50	10752	4.902	ug/l 100
4) Vinyl Chloride	2.17	62	11672	5.077	ug/l 99
5) Bromomethane	2.53	94	7929	5.255	ug/l 93
6) Chloroethane	2.68	64	7453	5.181	ug/l 96
7) Trichlorofluoromethane	2.99	101	16405	5.097	ug/l 95
8) Diethyl Ether	3.37	74	6585	5.172	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	3.71	101	10606	5.476	ug/l 95
10) Methyl Iodide	3.91	142	10758	4.360	ug/l # 94
11) Tert butyl alcohol	4.74	59	6234	17.870	ug/l # 72
12) 1,1-Dichloroethene	3.69	96	9611	5.036	ug/l 96
13) Acrolein	3.57	56	5220	23.366	ug/l 97
14) Allyl chloride	4.27	41	13513	4.286	ug/l 97
15) Acrylonitrile	4.93	53	19923	20.166	ug/l 94
16) Acetone	3.78	43	20111	25.684	ug/l 94
17) Carbon Disulfide	4.01	76	26062	4.789	ug/l 97
18) Methyl Acetate	4.28	43	10286	4.492	ug/l 92
19) Methyl tert-butyl Ether	4.99	73	24687	4.005	ug/l 100
20) Methylene Chloride	4.50	84	11770	4.931	ug/l 95
21) trans-1,2-Dichloroethene	4.98	96	10016	4.717	ug/l 95
22) Diisopropyl ether	5.90	45	27413	4.305	ug/l 95
23) Vinyl Acetate	5.84	43	97852	19.348	ug/l 100
24) 1,1-Dichloroethane	5.79	63	18230	4.792	ug/l 97
25) 2-Butanone	6.79	43	25763	21.056	ug/l 96
26) 2,2-Dichloropropane	6.78	77	15586	4.726	ug/l 98
27) cis-1,2-Dichloroethene	6.78	96	11073	4.602	ug/l 99
28) Bromochloromethane	7.15	49	9049	5.194	ug/l # 98
29) Tetrahydrofuran	7.17	42	14733	17.603	ug/l 98
30) Chloroform	7.33	83	19254	4.877	ug/l 91
31) Cyclohexane	7.61	56	16573	5.227	ug/l # 86
32) 1,1,1-Trichloroethane	7.52	97	16722	4.955	ug/l 98
36) 1,1-Dichloropropene	7.75	75	13758	4.725	ug/l 98
37) Ethyl Acetate	6.88	43	9697	3.512	ug/l 98
38) Carbon Tetrachloride	7.73	117	14484	4.774	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121020\
 Data File : VN065038.D
 Acq On : 10 Dec 2020 10:23
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:32:16 PM

Quant Time: Dec 10 14:16:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 10 14:05:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	12663	4.104	ug/l	98
40) Benzene	8.00	78	42160	4.726	ug/l	99
41) Methacrylonitrile	7.11	41	5011m	3.764	ug/l	
42) 1,2-Dichloroethane	8.08	62	13918	4.616	ug/l	98
43) Isopropyl Acetate	8.13	43	19334	4.324	ug/l	95
44) Trichloroethene	8.79	130	12033	4.590	ug/l	92
45) 1,2-Dichloropropane	9.08	63	10942	4.695	ug/l	98
46) Dibromomethane	9.17	93	7032	4.533	ug/l	93
47) Bromodichloromethane	9.37	83	14645	4.692	ug/l	97
48) Methyl methacrylate	9.16	41	8340	3.904	ug/l	92
49) 1,4-Dioxane	9.17	88	2924	72.579	ug/l #	92
51) 4-Methyl-2-Pentanone	9.95	43	50428	18.805	ug/l	97
52) Toluene	10.12	92	25070	4.550	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	13820	3.995	ug/l	95
54) cis-1,3-Dichloropropene	9.80	75	16193	4.357	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	10020	4.393	ug/l	95
56) Ethyl methacrylate	10.40	69	10745	3.475	ug/l	92
57) 1,3-Dichloropropane	10.68	76	16704	4.470	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	26940	15.803	ug/l	99
59) 2-Hexanone	10.72	43	35727	18.528	ug/l	90
60) Dibromochloromethane	10.87	129	10733	4.253	ug/l	96
61) 1,2-Dibromoethane	10.97	107	10212	4.435	ug/l	99
64) Tetrachloroethene	10.60	164	11927	4.369	ug/l	96
65) Chlorobenzene	11.40	112	28854	4.718	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	10468	4.658	ug/l	98
67) Ethyl Benzene	11.48	91	41970	4.137	ug/l	97
68) m/p-Xylenes	11.59	106	31745	8.216	ug/l	94
69) o-Xylene	11.92	106	14411	3.937	ug/l	97
70) Styrene	11.94	104	23145	3.744	ug/l	97
71) Bromoform	12.10	173	7754	4.344	ug/l #	92
73) Isopropylbenzene	12.22	105	37164	4.101	ug/l	100
74) N-amyl acetate	12.04	43	12469	3.558	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.48	83	13092	4.911	ug/l	97
76) 1,2,3-Trichloropropane	12.52	75	12786m	4.608	ug/l	
77) Bromobenzene	12.50	156	11380	4.644	ug/l	94
78) n-propylbenzene	12.56	91	42151	4.098	ug/l	98
79) 2-Chlorotoluene	12.65	91	28297	4.445	ug/l	96
80) 1,3,5-Trimethylbenzene	12.70	105	30748	4.084	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	3286	3.276	ug/l #	82
82) 4-Chlorotoluene	12.75	91	27732	4.152	ug/l	96
83) tert-Butylbenzene	12.96	119	25397	4.024	ug/l	94
84) 1,2,4-Trimethylbenzene	13.01	105	28484	3.734	ug/l	100
85) sec-Butylbenzene	13.14	105	32197	3.863	ug/l	100
86) p-Isopropyltoluene	13.26	119	28123	3.706	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	19724	4.529	ug/l	97
88) 1,4-Dichlorobenzene	13.33	146	19781	4.297	ug/l	95
89) n-Butylbenzene	13.59	91	23942	3.612	ug/l	94
90) Hexachloroethane	13.85	117	6220	4.692	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	18724	4.377	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	1940	3.305	ug/l	93

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121020\
Data File : VN065038.D
Acq On : 10 Dec 2020 10:23
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

MMDadoda
12/11/2020 12:32:16 PM

Quant Time: Dec 10 14:16:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 10 14:05:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	7119	2.751	ug/l	95
94) Hexachlorobutadiene	14.98	225	5410	4.101	ug/l	98
95) Naphthalene	15.10	128	16828	2.180	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	6505	2.557	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121020\
Data File : VN065038.D
Acq On : 10 Dec 2020 10:23
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
12/11/2020 12:32:16 PM

Quant Time: Dec 10 14:16:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 10 14:05:55 2020
Response via : Initial Calibration

