

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101819\
 Data File : VN058844.D
 Acq On : 18 Oct 2019 9:15
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 10/21/2019 10:43:39 AM

Quant Time: Oct 19 00:03:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 18 23:49:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	365896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	596399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	548203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	236972	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	28220	5.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.92%	
35) Dibromofluoromethane	7.57	113	19492	5.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.46%	
50) Toluene-d8	10.08	98	72285	4.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.74%	
62) 4-Bromofluorobenzene	12.40	95	24344	4.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	23065	5.072	ug/l	98
3) Chloromethane	2.04	50	28512	5.214	ug/l	97
4) Vinyl Chloride	2.17	62	28614	5.259	ug/l	98
5) Bromomethane	2.54	94	18553	5.540	ug/l	100
6) Chloroethane	2.68	64	18804	5.573	ug/l	99
7) Trichlorofluoromethane	3.00	101	37450	5.674	ug/l	98
8) Diethyl Ether	3.39	74	11935	5.001	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.73	101	20782	5.599	ug/l	97
10) Methyl Iodide	3.93	142	24246	4.822	ug/l	99
11) Tert butyl alcohol	4.76	59	23713	28.094	ug/l #	77
12) 1,1-Dichloroethene	3.71	96	18062	5.118	ug/l	97
13) Acrolein	3.58	56	11900	17.942	ug/l	99
14) Allyl chloride	4.30	41	37842	5.289	ug/l	97
15) Acrylonitrile	4.96	53	57479	27.043	ug/l	98
16) Acetone	3.80	43	61976	27.743	ug/l	98
17) Carbon Disulfide	4.02	76	57896	5.100	ug/l	99
18) Methyl Acetate	4.30	43	32298	5.922	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	60897m	4.835	ug/l	
20) Methylene Chloride	4.53	84	23818	5.349	ug/l	92
21) trans-1,2-Dichloroethene	5.01	96	20220	5.126	ug/l	100
22) Diisopropyl ether	5.92	45	70419	5.051	ug/l	89
23) Vinyl Acetate	5.87	43	277588	24.669	ug/l	98
24) 1,1-Dichloroethane	5.82	63	42448	5.371	ug/l	98
25) 2-Butanone	6.81	43	85492	27.117	ug/l	100
26) 2,2-Dichloropropane	6.81	77	36581	5.076	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	23139	5.018	ug/l	97
28) Bromochloromethane	7.17	49	14637	5.332	ug/l	98
29) Tetrahydrofuran	7.19	42	51082	25.316	ug/l	99
30) Chloroform	7.35	83	42796	5.373	ug/l	97
31) Cyclohexane	7.63	56	41745	5.505	ug/l #	89
32) 1,1,1-Trichloroethane	7.55	97	36460	5.384	ug/l	98
36) 1,1-Dichloropropene	7.77	75	29289	4.809	ug/l	99
37) Ethyl Acetate	6.91	43	31370	5.037	ug/l	97
38) Carbon Tetrachloride	7.75	117	32065	5.403	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101819\
 Data File : VN058844.D
 Acq On : 18 Oct 2019 9:15
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 10/21/2019 10:43:39 AM

Quant Time: Oct 19 00:03:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 18 23:49:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	31856	4.532	ug/l	97
40) Benzene	8.02	78	89196	5.088	ug/l	96
41) Methacrylonitrile	7.16	41	13572m	4.803	ug/l	
42) 1,2-Dichloroethane	8.11	62	35400	5.263	ug/l	98
43) Isopropyl Acetate	8.15	43	51097	4.854	ug/l	94
44) Trichloroethene	8.82	130	22823	5.272	ug/l	89
45) 1,2-Dichloropropane	9.10	63	24354	5.183	ug/l	95
46) Dibromomethane	9.20	93	15840	5.335	ug/l	96
47) Bromodichloromethane	9.39	83	32207	5.316	ug/l	98
48) Methyl methacrylate	9.19	41	21434	4.479	ug/l	96
49) 1,4-Dioxane	9.19	88	8064	108.308	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	153842	25.848	ug/l	99
52) Toluene	10.15	92	50251	4.697	ug/l	93
53) t-1,3-Dichloropropene	10.38	75	32893	4.737	ug/l	95
54) cis-1,3-Dichloropropene	9.83	75	35993	4.875	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	22538	5.144	ug/l	96
56) Ethyl methacrylate	10.43	69	27429	4.285	ug/l	96
57) 1,3-Dichloropropane	10.70	76	37902	5.065	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.69	63	61571	20.336	ug/l	98
59) 2-Hexanone	10.75	43	112593	24.404	ug/l	96
60) Dibromochloromethane	10.90	129	22562	4.987	ug/l	98
61) 1,2-Dibromoethane	11.00	107	21891	4.984	ug/l	99
64) Tetrachloroethene	10.63	164	19011	4.926	ug/l	96
65) Chlorobenzene	11.43	112	54447	4.862	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	21447	5.175	ug/l	100
67) Ethyl Benzene	11.51	91	93837	4.702	ug/l	100
68) m/p-Xylenes	11.62	106	65465	8.744	ug/l	97
69) o-Xylene	11.95	106	31083	4.296	ug/l	99
70) Styrene	11.97	104	48314	4.076	ug/l	99
71) Bromoform	12.13	173	15204	4.971	ug/l #	97
73) Isopropylbenzene	12.25	105	84544	4.890	ug/l	100
74) N-amyl acetate	12.07	43	35643	4.552	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	31581	5.501	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	30751m	5.766	ug/l	
77) Bromobenzene	12.53	156	22119	5.250	ug/l	97
78) n-propylbenzene	12.59	91	100574	4.986	ug/l	98
79) 2-Chlorotoluene	12.68	91	62414	4.986	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	68137	4.616	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	9425	4.743	ug/l	94
82) 4-Chlorotoluene	12.78	91	62831	4.894	ug/l	97
83) tert-Butylbenzene	13.00	119	60406	4.778	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	67918	4.629	ug/l	100
85) sec-Butylbenzene	13.17	105	79461	4.765	ug/l	98
86) p-Isopropyltoluene	13.29	119	66411	4.393	ug/l	97
87) 1,3-Dichlorobenzene	13.29	146	38947	5.030	ug/l	96
88) 1,4-Dichlorobenzene	13.37	146	37971	4.817	ug/l	94
89) n-Butylbenzene	13.62	91	61124	4.372	ug/l	98
90) Hexachloroethane	13.88	117	15110	5.531	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	36422	4.816	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	6736	5.009	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101819\
Data File : VN058844.D
Acq On : 18 Oct 2019 9:15
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

MMDadoda
10/21/2019 10:43:39 AM

Quant Time: Oct 19 00:03:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 18 23:49:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	17225	3.769	ug/l	98
94) Hexachlorobutadiene	15.01	225	12753	5.250	ug/l	97
95) Naphthalene	15.13	128	43883	3.348	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	16253	3.635	ug/l	91

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101819\
Data File : VN058844.D
Acq On : 18 Oct 2019 9:15
Operator : JC/SP
Sample : VSTDIC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
10/21/2019 10:43:39 AM

Quant Time: Oct 19 00:03:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 18 23:49:30 2019
Response via : Initial Calibration

