

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063962.D
 Acq On : 8 Oct 2020 00:29
 Operator : JC/MD
 Sample : VN1007WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 10:09:34 AM

Quant Time: Oct 08 06:28:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	267467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	441222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	419318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194283	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	218398	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
35) Dibromofluoromethane	7.55	113	150821	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	10.06	98	550044	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
62) 4-Bromofluorobenzene	12.38	95	201545	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47906	16.975	ug/l	94
3) Chloromethane	2.04	50	56377	17.025	ug/l	94
4) Vinyl Chloride	2.16	62	56147	16.891	ug/l	99
5) Bromomethane	2.53	94	33913	16.220	ug/l	100
6) Chloroethane	2.68	64	37746	19.003	ug/l	98
7) Trichlorofluoromethane	2.99	101	98266	18.640	ug/l	99
8) Diethyl Ether	3.37	74	33776	18.944	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	51815	18.389	ug/l	98
10) Methyl Iodide	3.91	142	51819	15.838	ug/l	97
11) Tert butyl alcohol	4.73	59	51221	104.995	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	47787	17.743	ug/l	98
13) Acrolein	3.57	56	28491	95.157	ug/l	97
14) Allyl chloride	4.28	41	96580	19.302	ug/l	93
15) Acrylonitrile	4.94	53	141819	101.559	ug/l	99
16) Acetone	3.78	43	132606	97.488	ug/l	99
17) Carbon Disulfide	4.01	76	129219	18.203	ug/l	99
18) Methyl Acetate	4.28	43	71362	20.206	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	186701	19.080	ug/l	100
20) Methylene Chloride	4.51	84	64087	20.627	ug/l	89
21) trans-1,2-Dichloroethene	4.99	96	54181	17.960	ug/l	95
22) Diisopropyl ether	5.90	45	214824	20.867	ug/l	97
23) Vinyl Acetate	5.85	43	835619	97.988	ug/l	99
24) 1,1-Dichloroethane	5.80	63	115036	19.543	ug/l	98
25) 2-Butanone	6.78	43	201069	104.263	ug/l	98
26) 2,2-Dichloropropane	6.78	77	76927	14.271	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	64092	18.472	ug/l	97
28) Bromochloromethane	7.15	49	56277	19.344	ug/l	99
29) Tetrahydrofuran	7.16	42	134566	104.039	ug/l	96
30) Chloroform	7.33	83	121030	19.720	ug/l	93
31) Cyclohexane	7.62	56	93814	18.288	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	104549	18.886	ug/l	97
36) 1,1-Dichloropropene	7.75	75	81625	18.261	ug/l	99
37) Ethyl Acetate	6.88	43	84256	18.972	ug/l	99
38) Carbon Tetrachloride	7.74	117	90344	18.024	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063962.D
 Acq On : 8 Oct 2020 00:29
 Operator : JC/MD
 Sample : VN1007WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1007WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 10:09:34 AM

Quant Time: Oct 08 06:28:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	73037	16.385	ug/l	99
40) Benzene	8.01	78	240548	18.841	ug/l	99
41) Methacrylonitrile	7.13	41	36345	18.414	ug/l #	88
42) 1,2-Dichloroethane	8.09	62	102650	18.835	ug/l	99
43) Isopropyl Acetate	8.13	43	146963	20.063	ug/l	99
44) Trichloroethene	8.80	130	60069	17.957	ug/l	99
45) 1,2-Dichloropropane	9.09	63	67597	19.604	ug/l	99
46) Dibromomethane	9.18	93	44335	18.639	ug/l	99
47) Bromodichloromethane	9.37	83	93826	19.139	ug/l	97
48) Methyl methacrylate	9.17	41	72669	20.079	ug/l	90
49) 1,4-Dioxane	9.17	88	18205	353.935	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	440091	102.375	ug/l	100
52) Toluene	10.13	92	149487	18.929	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	95115	18.100	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	101227	18.419	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	61681	19.476	ug/l	98
56) Ethyl methacrylate	10.40	69	85513	19.049	ug/l	97
57) 1,3-Dichloropropane	10.68	76	107968	20.151	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	228432	95.129	ug/l	98
59) 2-Hexanone	10.72	43	317946	99.563	ug/l	97
60) Dibromochloromethane	10.87	129	69625	18.877	ug/l	98
61) 1,2-Dibromoethane	10.98	107	61391	18.950	ug/l	98
64) Tetrachloroethene	10.60	164	59022	18.193	ug/l	97
65) Chlorobenzene	11.41	112	158579	18.436	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	61609	18.683	ug/l	96
67) Ethyl Benzene	11.49	91	281343	17.975	ug/l	99
68) m/p-Xylenes	11.60	106	210842	36.144	ug/l	100
69) o-Xylene	11.92	106	99659	18.279	ug/l	98
70) Styrene	11.94	104	168186	18.172	ug/l	100
71) Bromoform	12.10	173	46582	18.470	ug/l #	97
73) Isopropylbenzene	12.23	105	265668	18.747	ug/l	100
74) N-amyl acetate	12.05	43	115509	18.976	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	85322	19.690	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	82540m	19.273	ug/l	
77) Bromobenzene	12.50	156	68411	19.674	ug/l	97
78) n-propylbenzene	12.57	91	296029	17.950	ug/l	100
79) 2-Chlorotoluene	12.65	91	189982	18.731	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	222551	18.720	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	25198	16.946	ug/l	95
82) 4-Chlorotoluene	12.75	91	198708	18.872	ug/l	100
83) tert-Butylbenzene	12.97	119	181845	18.699	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	219617	18.502	ug/l	95
85) sec-Butylbenzene	13.15	105	231748	18.144	ug/l	100
86) p-Isopropyltoluene	13.26	119	208120	18.419	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	117640	18.701	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	115082	17.570	ug/l	98
89) n-Butylbenzene	13.59	91	166655	15.980	ug/l	100
90) Hexachloroethane	13.85	117	40113	18.320	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	115333	18.510	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18539	18.243	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
Data File : VN063962.D
Acq On : 8 Oct 2020 00:29
Operator : JC/MD
Sample : VN1007WBS02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

Manual Integrations
APPROVED

MMDadoda
10/8/2020 10:09:34 AM

Quant Time: Oct 08 06:28:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	51910	16.526	ug/l	98
94) Hexachlorobutadiene	14.98	225	31840	18.889	ug/l	97
95) Naphthalene	15.10	128	150214	15.702	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	51181	16.655	ug/l	98

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

