

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011720\
 Data File : VN059753.D
 Acq On : 17 Jan 2020 12:15
 Operator : JC/MD
 Sample : VN0117WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/20/2020 11:12:11 AM

Quant Time: Jan 18 01:16:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	190924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	289315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	261835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	125041	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	105817	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
35) Dibromofluoromethane	7.56	113	90686	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
50) Toluene-d8	10.08	98	337620	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.40	95	120561	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	40631	17.713	ug/l	99
3) Chloromethane	2.03	50	37710	17.252	ug/l	99
4) Vinyl Chloride	2.17	62	45697	18.272	ug/l	99
5) Bromomethane	2.54	94	29135	19.089	ug/l	100
6) Chloroethane	2.68	64	21914	18.521	ug/l	95
7) Trichlorofluoromethane	3.00	101	55323	18.419	ug/l	95
8) Diethyl Ether	3.38	74	19661	18.653	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.73	101	32109	19.208	ug/l	92
10) Methyl Iodide	3.93	142	48747	18.041	ug/l	96
11) Tert butyl alcohol	4.72	59	32327	90.568	ug/l	100
12) 1,1-Dichloroethene	3.72	96	30936	17.711	ug/l	88
13) Acrolein	3.58	56	15979	63.242	ug/l	99
14) Allyl chloride	4.29	41	43439	18.450	ug/l #	90
15) Acrylonitrile	4.94	53	74454	91.445	ug/l	99
16) Acetone	3.78	43	68163	87.761	ug/l	96
17) Carbon Disulfide	4.03	76	84483	16.978	ug/l	100
18) Methyl Acetate	4.29	43	45378	18.323	ug/l	91
19) Methyl tert-butyl Ether	5.00	73	107539	18.882	ug/l	95
20) Methylene Chloride	4.52	84	35023	17.414	ug/l	88
21) trans-1,2-Dichloroethene	5.00	96	33648	18.122	ug/l	90
22) Diisopropyl ether	5.91	45	95873	17.969	ug/l	94
23) Vinyl Acetate	5.86	43	359771	87.090	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	59274	18.181	ug/l	98
25) 2-Butanone	6.80	43	102449	85.325	ug/l #	89
26) 2,2-Dichloropropane	6.80	77	56030	17.877	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	39385	18.442	ug/l	86
28) Bromochloromethane	7.17	49	25665	19.696	ug/l #	70
29) Tetrahydrofuran	7.18	42	65157	87.707	ug/l #	87
30) Chloroform	7.35	83	62652	18.548	ug/l	100
31) Cyclohexane	7.63	56	54330	17.319	ug/l #	82
32) 1,1,1-Trichloroethane	7.55	97	56834	18.197	ug/l	96
36) 1,1-Dichloropropene	7.77	75	45388	18.015	ug/l	94
37) Ethyl Acetate	6.90	43	42016	17.781	ug/l	97
38) Carbon Tetrachloride	7.75	117	51585	18.822	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	56016	18.032	ug/l	91
40) Benzene	8.02	78	137248	18.266	ug/l	99
41) Methacrylonitrile	7.14	41	19428	16.692	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	48723	19.125	ug/l	95
43) Isopropyl Acetate	8.14	43	72879	17.931	ug/l #	95
44) Trichloroethene	8.81	130	41270	20.120	ug/l	91
45) 1,2-Dichloropropane	9.10	63	34845	18.741	ug/l	98
46) Dibromomethane	9.19	93	25315	19.301	ug/l	90
47) Bromodichloromethane	9.38	83	50442	19.085	ug/l	97
48) Methyl methacrylate	9.18	41	30810	16.947	ug/l #	86
49) 1,4-Dioxane	9.18	88	13315	400.067	ug/l	90
51) 4-Methyl-2-Pentanone	9.97	43	209314	89.086	ug/l	95
52) Toluene	10.14	92	89052	18.763	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	54405	18.435	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	59384	19.124	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	35264	18.760	ug/l	98
56) Ethyl methacrylate	10.42	69	51469	17.919	ug/l	94
57) 1,3-Dichloropropane	10.70	76	57874	19.393	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	92441	106.851	ug/l	92
59) 2-Hexanone	10.74	43	156364	90.335	ug/l	95
60) Dibromochloromethane	10.89	129	40902	19.108	ug/l	99
61) 1,2-Dibromoethane	11.00	107	37620	19.095	ug/l	100
64) Tetrachloroethene	10.62	164	42436	19.886	ug/l	94
65) Chlorobenzene	11.43	112	96977	18.843	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	38036	19.127	ug/l	98
67) Ethyl Benzene	11.50	91	169995	18.196	ug/l	96
68) m/p-Xylenes	11.61	106	130238	36.905	ug/l	93
69) o-Xylene	11.94	106	64223	18.589	ug/l	92
70) Styrene	11.96	104	104418	18.061	ug/l	96
71) Bromoform	12.12	173	30699	19.273	ug/l #	99
73) Isopropylbenzene	12.24	105	168065	18.327	ug/l	98
74) N-amyl acetate	12.06	43	62129	17.460	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	48908	18.397	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	43863m	20.844	ug/l	
77) Bromobenzene	12.52	156	43987	18.941	ug/l	80
78) n-propylbenzene	12.59	91	186856	18.154	ug/l	96
79) 2-Chlorotoluene	12.67	91	109865	17.942	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	141633	18.364	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	17334	17.690	ug/l	92
82) 4-Chlorotoluene	12.77	91	113398	18.464	ug/l	95
83) tert-Butylbenzene	12.99	119	123408	18.501	ug/l	94
84) 1,2,4-Trimethylbenzene	13.03	105	141042	18.485	ug/l	96
85) sec-Butylbenzene	13.17	105	161041	18.376	ug/l	99
86) p-Isopropyltoluene	13.28	119	149745	18.467	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	76397	18.938	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	77102	19.159	ug/l	98
89) n-Butylbenzene	13.61	91	125770	18.191	ug/l	98
90) Hexachloroethane	13.87	117	26859	17.703	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	76887	19.279	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11185	18.276	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	46850	19.551	ug/l	99
94) Hexachlorobutadiene	15.00	225	25174	19.064	ug/l	99
95) Naphthalene	15.13	128	129633	19.019	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	46692	20.018	ug/l	98

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

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