

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063748.D
 Acq On : 30 Sep 2020 14:44
 Operator : JC/MD
 Sample : VN0930MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/1/2020 2:40:29 PM

Quant Time: Oct 01 02:31:07 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	250529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	411012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	387404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	184223	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	209791	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
35) Dibromofluoromethane	7.55	113	141209	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	10.06	98	525935	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	12.38	95	196822	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	48593	18.382	ug/l	97
3) Chloromethane	2.04	50	55709	17.960	ug/l	96
4) Vinyl Chloride	2.16	62	56318	18.088	ug/l	97
5) Bromomethane	2.53	94	36415	18.594	ug/l	88
6) Chloroethane	2.67	64	36094	19.400	ug/l	97
7) Trichlorofluoromethane	2.98	101	90668	18.361	ug/l	99
8) Diethyl Ether	3.37	74	33275	19.925	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	47767	18.098	ug/l	98
10) Methyl Iodide	3.91	142	55445	18.092	ug/l	98
11) Tert butyl alcohol	4.73	59	49253	107.787	ug/l	99
12) 1,1-Dichloroethene	3.70	96	46344	18.370	ug/l	95
13) Acrolein	3.57	56	28687	102.289	ug/l	98
14) Allyl chloride	4.27	41	91736	19.573	ug/l	95
15) Acrylonitrile	4.93	53	131317	100.396	ug/l	99
16) Acetone	3.77	43	120850	94.852	ug/l	98
17) Carbon Disulfide	4.01	76	126598	19.007	ug/l	99
18) Methyl Acetate	4.27	43	65949	19.936	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	178623	19.489	ug/l	99
20) Methylene Chloride	4.51	84	58285	20.031	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	49844	17.639	ug/l	97
22) Diisopropyl ether	5.90	45	187611	19.456	ug/l	99
23) Vinyl Acetate	5.84	43	796179	99.675	ug/l	99
24) 1,1-Dichloroethane	5.80	63	104617	18.975	ug/l	98
25) 2-Butanone	6.78	43	184280	102.018	ug/l	99
26) 2,2-Dichloropropane	6.78	77	89930	17.811	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	61043	18.783	ug/l	97
28) Bromochloromethane	7.15	49	53235	19.535	ug/l	96
29) Tetrahydrofuran	7.16	42	122014	100.713	ug/l	99
30) Chloroform	7.33	83	109019	18.964	ug/l	98
31) Cyclohexane	7.61	56	88291	18.375	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	96964	18.700	ug/l	100
36) 1,1-Dichloropropene	7.75	75	77518	18.616	ug/l	99
37) Ethyl Acetate	6.88	43	81372	19.670	ug/l	99
38) Carbon Tetrachloride	7.73	117	84620	18.123	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	74466	17.933	ug/l	94
40) Benzene	8.00	78	224777	18.900	ug/l	99
41) Methacrylonitrile	7.13	41	32253m	17.542	ug/l	
42) 1,2-Dichloroethane	8.09	62	99553	19.609	ug/l	98
43) Isopropyl Acetate	8.13	43	142095	20.824	ug/l	99
44) Trichloroethene	8.80	130	58632	18.815	ug/l	98
45) 1,2-Dichloropropane	9.08	63	61510	19.150	ug/l	99
46) Dibromomethane	9.17	93	43764	19.751	ug/l	96
47) Bromodichloromethane	9.37	83	87116	19.077	ug/l	99
48) Methyl methacrylate	9.16	41	65591	19.455	ug/l	99
49) 1,4-Dioxane	9.17	88	20446	426.721	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	408248	101.948	ug/l	99
52) Toluene	10.13	92	142552	19.378	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	92211	18.837	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	98924	19.323	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	58337	19.774	ug/l	95
56) Ethyl methacrylate	10.40	69	83142	19.882	ug/l	99
57) 1,3-Dichloropropane	10.68	76	99871	20.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	234703	104.925	ug/l	100
59) 2-Hexanone	10.72	43	298599	100.377	ug/l	99
60) Dibromochloromethane	10.87	129	64589	18.799	ug/l	95
61) 1,2-Dibromoethane	10.98	107	59854	19.834	ug/l	99
64) Tetrachloroethene	10.60	164	55062	18.371	ug/l	95
65) Chlorobenzene	11.41	112	152248	19.158	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	56981	18.703	ug/l	98
67) Ethyl Benzene	11.48	91	273102	18.886	ug/l	99
68) m/p-Xylenes	11.59	106	203346	37.731	ug/l	100
69) o-Xylene	11.92	106	94976	18.855	ug/l	97
70) Styrene	11.94	104	159340	18.635	ug/l	99
71) Bromoform	12.10	173	42206	18.114	ug/l #	99
73) Isopropylbenzene	12.23	105	259949	19.346	ug/l	99
74) N-amyl acetate	12.05	43	113118	19.526	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	81806	19.909	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	78963m	19.444	ug/l	
77) Bromobenzene	12.50	156	64450	19.547	ug/l	99
78) n-propylbenzene	12.57	91	300765	19.233	ug/l	99
79) 2-Chlorotoluene	12.65	91	184487	19.182	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	219381	19.461	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	26127	18.530	ug/l	93
82) 4-Chlorotoluene	12.75	91	193584	19.389	ug/l	99
83) tert-Butylbenzene	12.97	119	174448	18.918	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	222339	19.755	ug/l	100
85) sec-Butylbenzene	13.15	105	234744	19.382	ug/l	99
86) p-Isopropyltoluene	13.26	119	208980	19.505	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	112845	18.918	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	114881	18.497	ug/l	99
89) n-Butylbenzene	13.59	91	187803	18.991	ug/l	99
90) Hexachloroethane	13.85	117	37640	18.129	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	113834	19.267	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18650	19.354	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	56930	18.842	ug/l	99
94) Hexachlorobutadiene	14.98	225	30414	19.028	ug/l	97
95) Naphthalene	15.11	128	180052	19.341	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	56512	19.136	ug/l	97

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

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