

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103020\
 Data File : VN064400.D
 Acq On : 30 Oct 2020 15:18
 Operator : JC/MD
 Sample : VN1030MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/2/2020 4:11:40 PM

Quant Time: Nov 02 02:49:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	244339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	396532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	357814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166258	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	196717	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	7.55	113	133084	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.06	98	474776	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
62) 4-Bromofluorobenzene	12.37	95	179969	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	52454	18.676	ug/l	100
3) Chloromethane	2.04	50	53104	17.491	ug/l	98
4) Vinyl Chloride	2.16	62	53806	18.322	ug/l	96
5) Bromomethane	2.53	94	31717	16.714	ug/l	92
6) Chloroethane	2.67	64	33280	18.965	ug/l	95
7) Trichlorofluoromethane	2.98	101	95009	19.311	ug/l	99
8) Diethyl Ether	3.38	74	28589	18.369	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	46625	18.856	ug/l	95
10) Methyl Iodide	3.91	142	51872	15.720	ug/l	100
11) Tert butyl alcohol	4.73	59	47899	84.034	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	44600	19.106	ug/l	99
13) Acrolein	3.58	56	9171	86.579	ug/l	98
14) Allyl chloride	4.28	41	75957	15.936	ug/l	93
15) Acrylonitrile	4.93	53	114843	93.691	ug/l	99
16) Acetone	3.77	43	115022	80.957	ug/l	99
17) Carbon Disulfide	4.01	76	112450	16.281	ug/l	99
18) Methyl Acetate	4.28	43	52879	17.928	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	165704	18.475	ug/l	98
20) Methylene Chloride	4.50	84	50332	18.075	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	47740	18.333	ug/l	93
22) Diisopropyl ether	5.90	45	173757	18.650	ug/l	94
23) Vinyl Acetate	5.84	43	745793	94.618	ug/l	99
24) 1,1-Dichloroethane	5.80	63	96209	18.454	ug/l	100
25) 2-Butanone	6.78	43	169619	86.035	ug/l	93
26) 2,2-Dichloropropane	6.77	77	91128	17.860	ug/l #	73
27) cis-1,2-Dichloroethene	6.78	96	55204	18.523	ug/l	98
28) Bromochloromethane	7.15	49	45952	18.500	ug/l	97
29) Tetrahydrofuran	7.16	42	110891	86.641	ug/l	99
30) Chloroform	7.33	83	104947	18.860	ug/l	98
31) Cyclohexane	7.61	56	79032	17.343	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	94716	17.725	ug/l	97
36) 1,1-Dichloropropene	7.75	75	73467	18.358	ug/l	97
37) Ethyl Acetate	6.88	43	75373	18.646	ug/l #	94
38) Carbon Tetrachloride	7.73	117	86812	18.711	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	61105	15.399	ug/l	94
40) Benzene	8.00	78	207219	18.602	ug/l	98
41) Methacrylonitrile	7.14	41	40729m	20.297	ug/l	
42) 1,2-Dichloroethane	8.08	62	93030	19.333	ug/l	100
43) Isopropyl Acetate	8.13	43	126859	18.359	ug/l	98
44) Trichloroethene	8.80	130	56016	19.196	ug/l	100
45) 1,2-Dichloropropane	9.08	63	55869	18.729	ug/l	97
46) Dibromomethane	9.18	93	38094	18.255	ug/l	93
47) Bromodichloromethane	9.37	83	83422	18.038	ug/l	96
48) Methyl methacrylate	9.16	41	65100	18.260	ug/l	96
49) 1,4-Dioxane	9.16	88	17694	336.720	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	365295	90.944	ug/l	99
52) Toluene	10.13	92	126188	17.952	ug/l	96
53) t-1,3-Dichloropropene	10.35	75	89645	18.332	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	93066	18.488	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	52422	18.893	ug/l	97
56) Ethyl methacrylate	10.40	69	75738	18.032	ug/l	97
57) 1,3-Dichloropropane	10.68	76	92112	19.461	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	189289	82.586	ug/l	99
59) 2-Hexanone	10.72	43	262641	88.781	ug/l	97
60) Dibromochloromethane	10.87	129	59209	18.048	ug/l	97
61) 1,2-Dibromoethane	10.97	107	54818	19.390	ug/l	96
64) Tetrachloroethene	10.60	164	54211	18.434	ug/l	96
65) Chlorobenzene	11.41	112	138643	19.112	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	53215	18.150	ug/l	98
67) Ethyl Benzene	11.48	91	252163	18.697	ug/l	98
68) m/p-Xylenes	11.59	106	186004	37.216	ug/l	99
69) o-Xylene	11.92	106	87583	18.189	ug/l	99
70) Styrene	11.94	104	145123	18.382	ug/l	95
71) Bromoform	12.10	173	41038	17.833	ug/l #	94
73) Isopropylbenzene	12.22	105	232983	18.710	ug/l	98
74) N-amyl acetate	12.05	43	104674	19.098	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	69530	19.210	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	67390m	16.926	ug/l	
77) Bromobenzene	12.50	156	57446	18.840	ug/l	96
78) n-propylbenzene	12.57	91	252822	17.934	ug/l	99
79) 2-Chlorotoluene	12.65	91	166190	18.441	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	192492	18.269	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	23795	17.215	ug/l	93
82) 4-Chlorotoluene	12.75	91	173225	18.869	ug/l	99
83) tert-Butylbenzene	12.97	119	152286	17.613	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	192588	18.293	ug/l	100
85) sec-Butylbenzene	13.14	105	188054	16.808	ug/l	100
86) p-Isopropyltoluene	13.26	119	165881	16.457	ug/l	96
87) 1,3-Dichlorobenzene	13.26	146	96490	18.076	ug/l	100
88) 1,4-Dichlorobenzene	13.33	146	98787	18.170	ug/l	98
89) n-Butylbenzene	13.59	91	136306	15.350	ug/l	99
90) Hexachloroethane	13.85	117	32005	16.907	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	98141	18.493	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	15856	17.655	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	41757	15.156	ug/l	97
94) Hexachlorobutadiene	14.98	225	21966	13.488	ug/l	97
95) Naphthalene	15.10	128	128326	15.393	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	41244	15.598	ug/l	95

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

