

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064227.D
 Acq On : 21 Oct 2020 17:32
 Operator : JC/MD
 Sample : VN1021MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 2:10:18 PM

Quant Time: Oct 22 02:21:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	267708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	445738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	403822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	193348	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	207790	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
35) Dibromofluoromethane	7.55	113	146948	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	10.06	98	533981	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.38	95	214792	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	62870	19.707	ug/l	97
3) Chloromethane	2.04	50	64995	21.006	ug/l	95
4) Vinyl Chloride	2.16	62	64852	21.141	ug/l	100
5) Bromomethane	2.54	94	39475	19.742	ug/l	99
6) Chloroethane	2.68	64	36222	19.397	ug/l	98
7) Trichlorofluoromethane	2.99	101	106555	21.123	ug/l	96
8) Diethyl Ether	3.38	74	33826	20.271	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	53228	20.405	ug/l	100
10) Methyl Iodide	3.92	142	68788	18.544	ug/l	98
11) Tert butyl alcohol	4.73	59	54714	102.810	ug/l #	82
12) 1,1-Dichloroethene	3.70	96	49702	19.809	ug/l	95
13) Acrolein	3.57	56	30210	90.431	ug/l	100
14) Allyl chloride	4.28	41	102944	20.500	ug/l	99
15) Acrylonitrile	4.93	53	111919	101.702	ug/l	99
16) Acetone	3.78	43	115311	101.369	ug/l	97
17) Carbon Disulfide	4.01	76	142074	19.851	ug/l	99
18) Methyl Acetate	4.28	43	56457	19.477	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	174556	20.236	ug/l	96
20) Methylene Chloride	4.51	84	57231	18.868	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	56332	20.360	ug/l	96
22) Diisopropyl ether	5.90	45	178817	19.155	ug/l	93
23) Vinyl Acetate	5.84	43	848058	101.867	ug/l	99
24) 1,1-Dichloroethane	5.80	63	111730	20.660	ug/l	98
25) 2-Butanone	6.78	43	183827	101.715	ug/l	98
26) 2,2-Dichloropropane	6.77	77	104055	19.327	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	65676	20.383	ug/l	98
28) Bromochloromethane	7.15	49	48801	18.995	ug/l	99
29) Tetrahydrofuran	7.16	42	112837	104.376	ug/l	98
30) Chloroform	7.33	83	120280	20.851	ug/l	98
31) Cyclohexane	7.62	56	88906	18.864	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	110754	20.495	ug/l	99
36) 1,1-Dichloropropene	7.75	75	84375	18.987	ug/l	99
37) Ethyl Acetate	6.88	43	77052	19.097	ug/l	98
38) Carbon Tetrachloride	7.73	117	102433	20.260	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	74768	18.504	ug/l	96
40) Benzene	8.00	78	234386	19.107	ug/l	99
41) Methacrylonitrile	7.13	41	42586	20.122	ug/l #	84
42) 1,2-Dichloroethane	8.09	62	104859	19.955	ug/l	98
43) Isopropyl Acetate	8.13	43	148662	19.771	ug/l	99
44) Trichloroethene	8.80	130	63342	18.949	ug/l	99
45) 1,2-Dichloropropane	9.08	63	63712	19.455	ug/l	96
46) Dibromomethane	9.18	93	44852	20.397	ug/l	97
47) Bromodichloromethane	9.37	83	97016	19.970	ug/l	99
48) Methyl methacrylate	9.16	41	74712	19.021	ug/l	98
49) 1,4-Dioxane	9.16	88	18584	404.363	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	407221	101.332	ug/l	99
52) Toluene	10.13	92	148397	18.906	ug/l	96
53) t-1,3-Dichloropropene	10.35	75	107662	19.950	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	106982	18.828	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	60941	20.557	ug/l	98
56) Ethyl methacrylate	10.40	69	90947	19.841	ug/l	99
57) 1,3-Dichloropropane	10.68	76	103016	20.006	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	224904	95.285	ug/l	100
59) 2-Hexanone	10.72	43	292458	99.649	ug/l	99
60) Dibromochloromethane	10.87	129	73245	19.086	ug/l	98
61) 1,2-Dibromoethane	10.97	107	63642	20.345	ug/l	96
64) Tetrachloroethene	10.60	164	63307	19.473	ug/l	99
65) Chlorobenzene	11.41	112	162736	19.469	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	65024	19.598	ug/l	99
67) Ethyl Benzene	11.49	91	300125	19.537	ug/l	96
68) m/p-Xylenes	11.59	106	219422	38.552	ug/l	98
69) o-Xylene	11.92	106	103718	18.842	ug/l	94
70) Styrene	11.94	104	176293	19.107	ug/l	97
71) Bromoform	12.10	173	49188	19.191	ug/l #	98
73) Isopropylbenzene	12.22	105	286110	19.402	ug/l	99
74) N-amyl acetate	12.04	43	126936	19.921	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	79043	20.199	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	77350m	18.977	ug/l	
77) Bromobenzene	12.50	156	69160	19.866	ug/l	97
78) n-propylbenzene	12.57	91	314944	18.942	ug/l	98
79) 2-Chlorotoluene	12.65	91	200266	19.610	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	236007	18.931	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	31035	19.223	ug/l	97
82) 4-Chlorotoluene	12.75	91	210924	19.800	ug/l	99
83) tert-Butylbenzene	12.97	119	189567	18.546	ug/l	94
84) 1,2,4-Trimethylbenzene	13.01	105	243430	19.618	ug/l	100
85) sec-Butylbenzene	13.15	105	246622	19.139	ug/l	99
86) p-Isopropyltoluene	13.26	119	225128	19.185	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	119784	19.337	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	122979	19.396	ug/l	98
89) n-Butylbenzene	13.59	91	192343	18.286	ug/l	99
90) Hexachloroethane	13.85	117	36540	17.194	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	120238	19.786	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20757	21.261	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	65826	19.313	ug/l	98
94) Hexachlorobutadiene	14.98	225	29610	16.107	ug/l	95
95) Naphthalene	15.10	128	208335	20.411	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	62559	18.532	ug/l	97

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

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