

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102320\
 Data File : VN064290.D
 Acq On : 23 Oct 2020 16:55
 Operator : JC/MD
 Sample : VN1023MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 1:39:00 PM

Quant Time: Oct 26 02:33:26 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	7.63	168	270499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	452056	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	404443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	193968	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	204500	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
35) Dibromofluoromethane	7.55	113	141893	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
50) Toluene-d8	10.06	98	514826	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
62) 4-Bromofluorobenzene	12.38	95	205920	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	59386	18.474	ug/l	95
3) Chloromethane	2.04	50	61794	19.765	ug/l	98
4) Vinyl Chloride	2.16	62	59706	19.263	ug/l	99
5) Bromomethane	2.53	94	40652	20.121	ug/l	97
6) Chloroethane	2.68	64	36572	19.382	ug/l	93
7) Trichlorofluoromethane	2.99	101	100756	19.767	ug/l	99
8) Diethyl Ether	3.38	74	33905	20.108	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	51820	19.660	ug/l	99
10) Methyl Iodide	3.92	142	64492	17.206	ug/l	98
11) Tert butyl alcohol	4.74	59	53648	99.767	ug/l	98
12) 1,1-Dichloroethene	3.69	96	47913	18.899	ug/l	99
13) Acrolein	3.57	56	27629	81.851	ug/l	96
14) Allyl chloride	4.28	41	87975	17.338	ug/l	92
15) Acrylonitrile	4.93	53	108736	97.790	ug/l	98
16) Acetone	3.78	43	135127	117.564	ug/l	99
17) Carbon Disulfide	4.01	76	133407	18.448	ug/l	100
18) Methyl Acetate	4.28	43	58824	20.084	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	168518	19.335	ug/l	97
20) Methylene Chloride	4.50	84	57640	18.807	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	52986	18.953	ug/l	98
22) Diisopropyl ether	5.90	45	176182	18.678	ug/l	94
23) Vinyl Acetate	5.85	43	813813	96.745	ug/l	99
24) 1,1-Dichloroethane	5.80	63	105072	19.229	ug/l	99
25) 2-Butanone	6.79	43	185528	101.597	ug/l	96
26) 2,2-Dichloropropane	6.78	77	108032	19.859	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	61970	19.035	ug/l	97
28) Bromochloromethane	7.15	49	45707	17.608	ug/l	99
29) Tetrahydrofuran	7.17	42	109134	99.909	ug/l	99
30) Chloroform	7.33	83	110907	19.028	ug/l	99
31) Cyclohexane	7.61	56	86221	18.106	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	108683	19.904	ug/l	100
36) 1,1-Dichloropropene	7.75	75	86249	19.138	ug/l	95
37) Ethyl Acetate	6.88	43	78608	19.211	ug/l	97
38) Carbon Tetrachloride	7.74	117	98505	19.211	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	72566	17.708	ug/l	99
40) Benzene	8.00	78	227307	18.271	ug/l	98
41) Methacrylonitrile	7.12	41	37733	17.579	ug/l #	91
42) 1,2-Dichloroethane	8.08	62	100945	18.941	ug/l	98
43) Isopropyl Acetate	8.13	43	142322	18.663	ug/l #	91
44) Trichloroethene	8.80	130	64766	19.105	ug/l	97
45) 1,2-Dichloropropane	9.08	63	61409	18.490	ug/l	99
46) Dibromomethane	9.17	93	43222	19.381	ug/l	97
47) Bromodichloromethane	9.37	83	92924	18.860	ug/l	99
48) Methyl methacrylate	9.16	41	72418	18.179	ug/l	97
49) 1,4-Dioxane	9.17	88	18536	397.681	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	395770	97.106	ug/l	99
52) Toluene	10.13	92	143731	18.056	ug/l	96
53) t-1,3-Dichloropropene	10.35	75	101799	18.600	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	105752	18.351	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	57395	19.091	ug/l	97
56) Ethyl methacrylate	10.40	69	86892	18.692	ug/l	99
57) 1,3-Dichloropropane	10.68	76	102145	19.560	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	225070	94.023	ug/l	100
59) 2-Hexanone	10.72	43	294462	98.930	ug/l	100
60) Dibromochloromethane	10.87	129	69046	17.741	ug/l	99
61) 1,2-Dibromoethane	10.98	107	60200	18.975	ug/l	100
64) Tetrachloroethene	10.60	164	61586	18.915	ug/l	94
65) Chlorobenzene	11.41	112	156446	18.687	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	61771	18.589	ug/l	98
67) Ethyl Benzene	11.48	91	291622	18.955	ug/l	98
68) m/p-Xylenes	11.59	106	209257	36.710	ug/l	99
69) o-Xylene	11.92	106	105431	19.124	ug/l	98
70) Styrene	11.94	104	171203	18.526	ug/l	99
71) Bromoform	12.10	173	48496	18.892	ug/l #	96
73) Isopropylbenzene	12.22	105	272350	18.410	ug/l	100
74) N-amyl acetate	12.04	43	117099	18.318	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	74379	18.946	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	76100m	18.610	ug/l	
77) Bromobenzene	12.50	156	67308	19.272	ug/l	98
78) n-propylbenzene	12.57	91	307809	18.454	ug/l	100
79) 2-Chlorotoluene	12.65	91	189972	18.542	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	233811	18.695	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	30038	18.546	ug/l	99
82) 4-Chlorotoluene	12.75	91	202360	18.935	ug/l	100
83) tert-Butylbenzene	12.97	119	189223	18.453	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	232346	18.665	ug/l	99
85) sec-Butylbenzene	13.15	105	239242	18.507	ug/l	100
86) p-Isopropyltoluene	13.26	119	221708	18.834	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	115166	18.532	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	117847	18.527	ug/l	98
89) n-Butylbenzene	13.59	91	190438	18.047	ug/l	100
90) Hexachloroethane	13.85	117	36951	17.332	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	110741	18.165	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18108	18.489	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	63097	18.453	ug/l	99
94) Hexachlorobutadiene	14.98	225	34792	18.865	ug/l	96
95) Naphthalene	15.10	128	185545	18.120	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	59358	17.527	ug/l	97

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

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