

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044083.D
 Acq On : 03 Dec 2024 10:57
 Operator : JC/MD
 Sample : VX1203MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2024
 Supervised By : Mahesh Dadoda 12/04/2024

Quant Time: Dec 03 23:39:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	123415	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	230265	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	203639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	88269	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	117137	55.337	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.680%	
35) Dibromofluoromethane	5.379	113	84098	51.112	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.220%	
50) Toluene-d8	8.647	98	293402	51.731	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	11.079	95	100139	51.879	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.760%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	27270	17.442	ug/l	93
3) Chloromethane	1.295	50	28676	17.430	ug/l #	88
4) Vinyl Chloride	1.374	62	31899	18.228	ug/l	97
5) Bromomethane	1.593	94	22401	20.808	ug/l	99
6) Chloroethane	1.666	64	20023	18.778	ug/l	99
7) Trichlorofluoromethane	1.874	101	53890	17.225	ug/l	99
8) Diethyl Ether	2.130	74	20643	18.102	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.319	101	27694	18.557	ug/l	97
10) Methyl Iodide	2.447	142	35401	18.993	ug/l	97
11) Tert butyl alcohol	2.989	59	33763	99.372	ug/l	100
12) 1,1-Dichloroethene	2.313	96	25140	17.678	ug/l	96
13) Acrolein	2.233	56	32839	91.698	ug/l	97
14) Allyl chloride	2.660	41	45136	19.424	ug/l	98
15) Acrylonitrile	3.062	53	80241	96.912	ug/l	97
16) Acetone	2.380	43	89479	92.036	ug/l	99
17) Carbon Disulfide	2.502	76	40656	13.860	ug/l	99
18) Methyl Acetate	2.703	43	44533	19.670	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	107223	20.765	ug/l	100
20) Methylene Chloride	2.782	84	31973	19.379	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	26971	18.370	ug/l	98
22) Diisopropyl ether	3.757	45	101865	20.501	ug/l	90
23) Vinyl Acetate	3.715	43	419672	98.734	ug/l	100
24) 1,1-Dichloroethane	3.605	63	56289	19.637	ug/l	97
25) 2-Butanone	4.556	43	122730	97.834	ug/l	97
26) 2,2-Dichloropropane	4.471	77	49272	19.033	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	35060	19.318	ug/l	96
28) Bromochloromethane	4.891	49	27703	21.956	ug/l	100
29) Tetrahydrofuran	5.001	42	73387	95.423	ug/l	97
30) Chloroform	5.087	83	62469	20.263	ug/l	95
31) Cyclohexane	5.464	56	41344	17.524	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	53494	20.121	ug/l	99
36) 1,1-Dichloropropene	5.684	75	37183	18.135	ug/l	97
37) Ethyl Acetate	4.709	43	44387	17.440	ug/l	99
38) Carbon Tetrachloride	5.666	117	40796	17.708	ug/l	98
39) Methylcyclohexane	7.373	83	43828	16.454	ug/l	98
40) Benzene	6.038	78	118126	18.496	ug/l	99

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41) Methacrylonitrile	4.916	41	25124	19.287	ug/l	95
42) 1,2-Dichloroethane	6.080	62	50314	19.616	ug/l	99
43) Isopropyl Acetate	6.336	43	77311	19.087	ug/l	99
44) Trichloroethene	7.123	130	28377	15.696	ug/l	99
45) 1,2-Dichloropropane	7.428	63	29095	18.600	ug/l	97
46) Dibromomethane	7.580	93	23975	19.376	ug/l	98
47) Bromodichloromethane	7.818	83	42415	19.113	ug/l	99
48) Methyl methacrylate	7.690	41	36645	18.855	ug/l	98
49) 1,4-Dioxane	7.665	88	11504	332.290	ug/l #	82
51) 4-Methyl-2-Pentanone	8.574	43	242382	98.061	ug/l	98
52) Toluene	8.714	92	73663	19.271	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	42440	18.754	ug/l	91
54) cis-1,3-Dichloropropene	8.366	75	46534	18.757	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	31371	19.881	ug/l	98
56) Ethyl methacrylate	9.116	69	48651	19.795	ug/l	97
57) 1,3-Dichloropropane	9.305	76	53862	20.263	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	106420	78.385	ug/l	98
59) 2-Hexanone	9.427	43	181847	97.881	ug/l	98
60) Dibromochloromethane	9.519	129	29789	18.816	ug/l	99
61) 1,2-Dibromoethane	9.604	107	31975	20.040	ug/l	98
64) Tetrachloroethene	9.269	164	24092	17.942	ug/l	98
65) Chlorobenzene	10.079	112	82212	18.382	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	28661	19.760	ug/l	98
67) Ethyl Benzene	10.189	91	143739	18.966	ug/l	99
68) m/p-Xylenes	10.299	106	107810	38.146	ug/l	99
69) o-Xylene	10.640	106	52316	18.959	ug/l	98
70) Styrene	10.653	104	85554	18.746	ug/l	98
71) Bromoform	10.799	173	15572	15.538	ug/l #	99
73) Isopropylbenzene	10.957	105	135036	19.902	ug/l	100
74) N-amyl acetate	10.842	43	61090	19.435	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	45977	19.790	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	37729m	19.491	ug/l	
77) Bromobenzene	11.195	156	31127	19.231	ug/l	97
78) n-propylbenzene	11.305	91	149300	19.702	ug/l	99
79) 2-Chlorotoluene	11.360	91	94391	19.698	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	111993	20.062	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	11160	15.732	ug/l	85
82) 4-Chlorotoluene	11.451	91	108524	20.060	ug/l	99
83) tert-Butylbenzene	11.713	119	111500	20.152	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	112359	20.217	ug/l	99
85) sec-Butylbenzene	11.890	105	134415	19.828	ug/l	99
86) p-Isopropyltoluene	12.006	119	109722	19.926	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	53348	18.096	ug/l	95
88) 1,4-Dichlorobenzene	12.036	146	56525	18.807	ug/l	97
89) n-Butylbenzene	12.329	91	93702	19.300	ug/l	99
90) Hexachloroethane	12.536	117	16107	17.202	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	57476	19.320	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8032	17.254	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	31386	17.894	ug/l	95
94) Hexachlorobutadiene	13.725	225	11908	17.178	ug/l	97
95) Naphthalene	13.774	128	123444	19.552	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	31389	17.681	ug/l	94

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

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