

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044084.D
 Acq On : 03 Dec 2024 11:24
 Operator : JC/MD
 Sample : VX1203MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBS02

Quant Time: Dec 03 23:40:10 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	118928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	210853	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	178713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82615	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	108112	53.001	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.000%	
35) Dibromofluoromethane	5.379	113	76100	50.509	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.020%	
50) Toluene-d8	8.647	98	261678	50.385	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.760%	
62) 4-Bromofluorobenzene	11.079	95	92642	52.414	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.820%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	26068	17.302	ug/l	94
3) Chloromethane	1.295	50	25334	15.979	ug/l	97
4) Vinyl Chloride	1.374	62	27318	16.200	ug/l	96
5) Bromomethane	1.593	94	20031	19.309	ug/l	98
6) Chloroethane	1.666	64	18629	18.130	ug/l	96
7) Trichlorofluoromethane	1.868	101	58208	19.307	ug/l	99
8) Diethyl Ether	2.130	74	20161	18.347	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	27114	18.854	ug/l	98
10) Methyl Iodide	2.441	142	30749	17.120	ug/l	95
11) Tert butyl alcohol	3.008	59	28292	86.412	ug/l	98
12) 1,1-Dichloroethene	2.307	96	23792	17.361	ug/l	92
13) Acrolein	2.233	56	30121	87.281	ug/l	100
14) Allyl chloride	2.654	41	40854	18.245	ug/l	96
15) Acrylonitrile	3.063	53	77529	97.170	ug/l	99
16) Acetone	2.380	43	81444	86.932	ug/l	98
17) Carbon Disulfide	2.502	76	38240	13.528	ug/l	99
18) Methyl Acetate	2.703	43	43069	19.741	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	100372	20.172	ug/l	97
20) Methylene Chloride	2.782	84	29462	18.531	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	24976	17.653	ug/l	95
22) Diisopropyl ether	3.758	45	97807	20.427	ug/l	93
23) Vinyl Acetate	3.715	43	401091	97.923	ug/l	99
24) 1,1-Dichloroethane	3.599	63	51930	18.800	ug/l	99
25) 2-Butanone	4.562	43	114084	94.373	ug/l	99
26) 2,2-Dichloropropane	4.471	77	46877	18.791	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	32743	18.722	ug/l	97
28) Bromochloromethane	4.891	49	25255	20.771	ug/l	98
29) Tetrahydrofuran	5.007	42	68557	92.506	ug/l	99
30) Chloroform	5.080	83	59272	19.951	ug/l	95
31) Cyclohexane	5.458	56	40593	17.855	ug/l	98
32) 1,1,1-Trichloroethane	5.367	97	50015	19.522	ug/l	98
36) 1,1-Dichloropropene	5.678	75	35600	18.962	ug/l	98
37) Ethyl Acetate	4.709	43	43781	18.786	ug/l	99
38) Carbon Tetrachloride	5.666	117	39613	18.778	ug/l	96
39) Methylcyclohexane	7.373	83	44008	18.043	ug/l	95
40) Benzene	6.032	78	110623	18.916	ug/l	99

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41) Methacrylonitrile	4.916	41	22680	19.014	ug/l	94
42) 1,2-Dichloroethane	6.080	62	46807	19.928	ug/l	99
43) Isopropyl Acetate	6.336	43	71299	19.224	ug/l	100
44) Trichloroethene	7.123	130	27168	16.410	ug/l	90
45) 1,2-Dichloropropane	7.428	63	28397	19.825	ug/l	99
46) Dibromomethane	7.574	93	22389	19.760	ug/l	99
47) Bromodichloromethane	7.818	83	39659	19.516	ug/l	94
48) Methyl methacrylate	7.690	41	33361	18.745	ug/l	99
49) 1,4-Dioxane	7.659	88	10571	333.451	ug/l	88
51) 4-Methyl-2-Pentanone	8.574	43	225955	99.831	ug/l	99
52) Toluene	8.714	92	67691	19.339	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	39402	19.014	ug/l	95
54) cis-1,3-Dichloropropene	8.360	75	43328	19.073	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	28794	19.928	ug/l	95
56) Ethyl methacrylate	9.116	69	44441	19.746	ug/l	99
57) 1,3-Dichloropropane	9.305	76	49820	20.468	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	101884	81.967	ug/l	98
59) 2-Hexanone	9.433	43	170168	100.027	ug/l	98
60) Dibromochloromethane	9.519	129	26545	18.310	ug/l	98
61) 1,2-Dibromoethane	9.610	107	29378	20.108	ug/l	98
64) Tetrachloroethene	9.269	164	21984	18.656	ug/l	95
65) Chlorobenzene	10.080	112	74068	18.871	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	24994	19.635	ug/l	99
67) Ethyl Benzene	10.189	91	129138	19.416	ug/l	99
68) m/p-Xylenes	10.299	106	94984	38.295	ug/l	98
69) o-Xylene	10.640	106	46970	19.396	ug/l	94
70) Styrene	10.653	104	79455	19.837	ug/l	98
71) Bromoform	10.799	173	15331	17.253	ug/l #	99
73) Isopropylbenzene	10.957	105	124568	19.615	ug/l	99
74) N-amyl acetate	10.842	43	57475	19.537	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	44345	20.393	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	36858m	20.344	ug/l	
77) Bromobenzene	11.195	156	28857	19.049	ug/l	99
78) n-propylbenzene	11.305	91	136625	19.263	ug/l	98
79) 2-Chlorotoluene	11.360	91	86948	19.387	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	104732	20.046	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10653	16.045	ug/l	88
82) 4-Chlorotoluene	11.451	91	101234	19.993	ug/l	97
83) tert-Butylbenzene	11.713	119	105533	20.379	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	104716	20.131	ug/l	98
85) sec-Butylbenzene	11.890	105	122155	19.253	ug/l	98
86) p-Isopropyltoluene	12.006	119	104453	20.267	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	51610	18.705	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	53304	18.949	ug/l	97
89) n-Butylbenzene	12.329	91	86004	18.927	ug/l	99
90) Hexachloroethane	12.536	117	15133	17.268	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	54248	19.482	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8003	18.368	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	29446	17.937	ug/l	98
94) Hexachlorobutadiene	13.725	225	11872	18.299	ug/l	98
95) Naphthalene	13.774	128	121333	20.532	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	31724	19.093	ug/l	98

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