

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043112.D
 Acq On : 24 Sep 2024 10:42
 Operator : JC/MD
 Sample : VX0924MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/25/2024
 Supervised By : Mahesh Dadoda 09/25/2024

Quant Time: Sep 25 01:21:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	114121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	201515	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93003	49.062	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.120%		
35) Dibromofluoromethane	5.385	113	70560	49.636	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.280%		
50) Toluene-d8	8.647	98	242798	50.484	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.960%		
62) 4-Bromofluorobenzene	11.079	95	96839	49.999	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22728	18.675	ug/l	98
3) Chloromethane	1.300	50	21376	17.204	ug/l	100
4) Vinyl Chloride	1.374	62	23088	18.293	ug/l	99
5) Bromomethane	1.605	94	15957	21.976	ug/l	95
6) Chloroethane	1.691	64	14737	18.237	ug/l	99
7) Trichlorofluoromethane	1.892	101	40622	18.133	ug/l	96
8) Diethyl Ether	2.136	74	13736	18.262	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	23848	18.860	ug/l	98
10) Methyl Iodide	2.453	142	27046	17.996	ug/l	99
11) Tert butyl alcohol	2.959	59	41950	99.116	ug/l	99
12) 1,1-Dichloroethene	2.318	96	22704	18.772	ug/l	92
13) Acrolein	2.239	56	3701	66.373	ug/l	95
14) Allyl chloride	2.666	41	40640	18.096	ug/l	98
15) Acrylonitrile	3.062	53	70494	96.019	ug/l	98
16) Acetone	2.379	43	75856	85.568	ug/l	99
17) Carbon Disulfide	2.514	76	52617	17.502	ug/l	99
18) Methyl Acetate	2.703	43	48402	20.285	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	86062	18.675	ug/l	96
20) Methylene Chloride	2.794	84	25438	18.036	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	22453	17.941	ug/l	97
22) Diisopropyl ether	3.763	45	79498	18.905	ug/l	93
23) Vinyl Acetate	3.721	43	465645	94.130	ug/l	100
24) 1,1-Dichloroethane	3.611	63	45577	18.745	ug/l	98
25) 2-Butanone	4.556	43	106666	93.341	ug/l	97
26) 2,2-Dichloropropane	4.477	77	45608	18.534	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	28650	18.389	ug/l	98
28) Bromochloromethane	4.897	49	26541	24.798	ug/l	97
29) Tetrahydrofuran	5.001	42	64098	93.267	ug/l	100
30) Chloroform	5.092	83	49246	18.370	ug/l	98
31) Cyclohexane	5.470	56	34560	18.539	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	46592	18.348	ug/l	98
36) 1,1-Dichloropropene	5.690	75	31930	18.280	ug/l	99
37) Ethyl Acetate	4.714	43	38090	17.360	ug/l	98
38) Carbon Tetrachloride	5.678	117	39500	17.555	ug/l	95
39) Methylcyclohexane	7.379	83	38389	17.512	ug/l	97
40) Benzene	6.037	78	93120	18.067	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21427	19.644	ug/l	99
42) 1,2-Dichloroethane	6.086	62	39909	18.235	ug/l	100
43) Isopropyl Acetate	6.342	43	65414	17.850	ug/l	99
44) Trichloroethene	7.122	130	25931	18.387	ug/l	97
45) 1,2-Dichloropropane	7.433	63	24081	18.757	ug/l	93
46) Dibromomethane	7.580	93	19643	18.170	ug/l	99
47) Bromodichloromethane	7.817	83	41098	18.283	ug/l	98
48) Methyl methacrylate	7.696	41	31106	17.281	ug/l	98
49) 1,4-Dioxane	7.659	88	14606	429.839	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	207212	92.040	ug/l	99
52) Toluene	8.720	92	61616	18.563	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	42247	18.308	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	41731	18.108	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	25688	18.796	ug/l	98
56) Ethyl methacrylate	9.116	69	43159	18.148	ug/l	99
57) 1,3-Dichloropropane	9.305	76	42649	18.347	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	80052	83.248	ug/l	99
59) 2-Hexanone	9.427	43	163188	92.701	ug/l	100
60) Dibromochloromethane	9.518	129	32107	17.989	ug/l	97
61) 1,2-Dibromoethane	9.610	107	27634	18.479	ug/l	100
64) Tetrachloroethene	9.275	164	23076	17.359	ug/l	96
65) Chlorobenzene	10.079	112	70292	17.760	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	26194	17.942	ug/l	99
67) Ethyl Benzene	10.189	91	123316	18.011	ug/l	98
68) m/p-Xylenes	10.299	106	93473	36.686	ug/l	98
69) o-Xylene	10.640	106	45300	17.726	ug/l	99
70) Styrene	10.652	104	78340	18.378	ug/l	99
71) Bromoform	10.799	173	22933	17.860	ug/l #	99
73) Isopropylbenzene	10.963	105	121327	17.830	ug/l	99
74) N-amyl acetate	10.841	43	56861	17.785	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	39198	17.902	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	34236m	17.747	ug/l	
77) Bromobenzene	11.195	156	29252	17.907	ug/l	100
78) n-propylbenzene	11.305	91	140085	18.145	ug/l	99
79) 2-Chlorotoluene	11.360	91	85051	17.564	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	101403	18.011	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13540	16.723	ug/l	97
82) 4-Chlorotoluene	11.451	91	98822	17.855	ug/l	98
83) tert-Butylbenzene	11.713	119	103737	17.881	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	102057	18.221	ug/l	99
85) sec-Butylbenzene	11.890	105	127404	17.868	ug/l	99
86) p-Isopropyltoluene	12.006	119	105556	17.832	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	54213	18.201	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	55204	18.482	ug/l	100
89) n-Butylbenzene	12.329	91	94341	18.287	ug/l	99
90) Hexachloroethane	12.536	117	20586	17.450	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	53306	18.172	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10520	17.770	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	32709	17.986	ug/l	97
94) Hexachlorobutadiene	13.725	225	13553	17.738	ug/l	99
95) Naphthalene	13.774	128	110603	17.497	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	32519	17.997	ug/l	99

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

