

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
 Data File : VX039919.D
 Acq On : 23 Jan 2024 18:57
 Operator : JC/MD
 Sample : VX0123MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0123MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2024
 Supervised By : Mahesh Dadoda 01/24/2024

Quant Time: Jan 24 02:36:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	79022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	137234	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65522	49.498	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.000%		
35) Dibromofluoromethane	5.379	113	48187	52.132	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.260%		
50) Toluene-d8	8.647	98	174125	49.947	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.900%		
62) 4-Bromofluorobenzene	11.079	95	70252	51.532	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	17756	17.367	ug/l	95
3) Chloromethane	1.294	50	19557	16.749	ug/l	98
4) Vinyl Chloride	1.374	62	20211	18.341	ug/l	99
5) Bromomethane	1.605	94	13130	20.883	ug/l	93
6) Chloroethane	1.691	64	12466	19.900	ug/l	99
7) Trichlorofluoromethane	1.892	101	32277	20.305	ug/l	99
8) Diethyl Ether	2.136	74	11927	20.303	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	19792	20.083	ug/l	98
10) Methyl Iodide	2.453	142	21495	20.675	ug/l	95
11) Tert butyl alcohol	2.953	59	30825	89.457	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	18260	19.199	ug/l	99
13) Acrolein	2.233	56	20489	86.699	ug/l	98
14) Allyl chloride	2.666	41	34762	18.570	ug/l	99
15) Acrylonitrile	3.056	53	67379	94.663	ug/l	99
16) Acetone	2.373	43	62230	83.591	ug/l	95
17) Carbon Disulfide	2.514	76	49398	18.070	ug/l	100
18) Methyl Acetate	2.697	43	32427	20.820	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	65681	19.452	ug/l	93
20) Methylene Chloride	2.794	84	22474	19.958	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	19990	19.972	ug/l	91
22) Diisopropyl ether	3.757	45	69317	19.404	ug/l	97
23) Vinyl Acetate	3.721	43	321642	96.862	ug/l	98
24) 1,1-Dichloroethane	3.605	63	38236	19.456	ug/l	99
25) 2-Butanone	4.550	43	95704	89.457	ug/l	97
26) 2,2-Dichloropropane	4.477	77	27301	17.309	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	23135	20.153	ug/l	99
28) Bromochloromethane	4.904	49	17028	19.115	ug/l	95
29) Tetrahydrofuran	5.001	42	63813	92.671	ug/l	100
30) Chloroform	5.093	83	40495	20.873	ug/l	95
31) Cyclohexane	5.470	56	30863	17.666	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	34071	20.513	ug/l	98
36) 1,1-Dichloropropene	5.690	75	29215	20.306	ug/l	100
37) Ethyl Acetate	4.715	43	34890	18.177	ug/l	97
38) Carbon Tetrachloride	5.672	117	27957	21.216	ug/l	98
39) Methylcyclohexane	7.379	83	33185	19.208	ug/l	98
40) Benzene	6.037	78	83734	20.553	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18720	19.944	ug/l	93
42) 1,2-Dichloroethane	6.086	62	34173	22.063	ug/l	99
43) Isopropyl Acetate	6.336	43	56278	19.987	ug/l	98
44) Trichloroethene	7.129	130	22159	22.193	ug/l	99
45) 1,2-Dichloropropane	7.427	63	22362	20.461	ug/l	100
46) Dibromomethane	7.580	93	16141	21.383	ug/l	97
47) Bromodichloromethane	7.818	83	30384	21.733	ug/l	95
48) Methyl methacrylate	7.690	41	27771	20.066	ug/l	93
49) 1,4-Dioxane	7.653	88	9993	373.150	ug/l #	96
51) 4-Methyl-2-Pentanone	8.567	43	195597	100.865	ug/l	98
52) Toluene	8.720	92	52536	21.589	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	31161	21.005	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	33860	20.757	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	22107	21.338	ug/l	93
56) Ethyl methacrylate	9.116	69	34312	20.463	ug/l	95
57) 1,3-Dichloropropane	9.305	76	37428	21.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	62059	78.300	ug/l	96
59) 2-Hexanone	9.427	43	154499	100.666	ug/l	98
60) Dibromochloromethane	9.519	129	21593	22.100	ug/l	96
61) 1,2-Dibromoethane	9.610	107	23552	21.952	ug/l	100
64) Tetrachloroethene	9.275	164	17959	21.508	ug/l	94
65) Chlorobenzene	10.079	112	56695	21.200	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	19779	21.720	ug/l	99
67) Ethyl Benzene	10.195	91	102296	20.603	ug/l	98
68) m/p-Xylenes	10.299	106	76611	41.956	ug/l	95
69) o-Xylene	10.640	106	37749	20.875	ug/l	96
70) Styrene	10.652	104	62329	21.100	ug/l	98
71) Bromoform	10.799	173	14754	21.577	ug/l #	98
73) Isopropylbenzene	10.963	105	99968	19.618	ug/l	99
74) N-amyl acetate	10.841	43	49175	18.513	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	38170	19.616	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	31528m	19.000	ug/l	
77) Bromobenzene	11.195	156	23303	20.538	ug/l	99
78) n-propylbenzene	11.305	91	123750	20.064	ug/l	98
79) 2-Chlorotoluene	11.360	91	73837	19.370	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	86603	20.010	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	8271	16.625	ug/l	92
82) 4-Chlorotoluene	11.451	91	85550	19.786	ug/l	99
83) tert-Butylbenzene	11.713	119	81483	19.720	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	85128	19.715	ug/l	99
85) sec-Butylbenzene	11.890	105	107364	20.017	ug/l	99
86) p-Isopropyltoluene	12.006	119	86733	20.232	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	44689	20.547	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	45186	20.116	ug/l	98
89) n-Butylbenzene	12.329	91	83266	20.110	ug/l	96
90) Hexachloroethane	12.536	117	14101	19.498	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	44032	20.478	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8781	18.416	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	27084	20.612	ug/l	97
94) Hexachlorobutadiene	13.725	225	11313	20.711	ug/l	99
95) Naphthalene	13.774	128	94549	19.546	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	27106	20.440	ug/l	100

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

