

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042523\
 Data File : VX035291.D
 Acq On : 25 Apr 2023 18:09
 Operator : JC/MD
 Sample : VX0425MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/26/2023
 Supervised By : Mahesh Dadoda 04/26/2023

Quant Time: Apr 26 01:42:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	262934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	418831	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	370340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166098	52.361	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.720%			
35) Dibromofluoromethane	5.385	113	134100	52.166	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.340%			
50) Toluene-d8	8.647	98	501647	51.730	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.460%			
62) 4-Bromofluorobenzene	11.079	95	189895	52.055	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54414	19.558	ug/l	100
3) Chloromethane	1.294	50	45836	18.110	ug/l	99
4) Vinyl Chloride	1.374	62	47166	18.581	ug/l	96
5) Bromomethane	1.617	94	32551	19.293	ug/l	92
6) Chloroethane	1.691	64	28608	19.269	ug/l	100
7) Trichlorofluoromethane	1.892	101	73651	18.554	ug/l	98
8) Diethyl Ether	2.136	74	27359	18.903	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	49493	18.667	ug/l	95
10) Methyl Iodide	2.453	142	61477	18.372	ug/l	98
11) Tert butyl alcohol	3.038	59	59228	102.544	ug/l #	85
12) 1,1-Dichloroethene	2.319	96	47064	18.429	ug/l	97
13) Acrolein	2.239	56	47959	84.433	ug/l	100
14) Allyl chloride	2.666	41	82282	18.309	ug/l	98
15) Acrylonitrile	3.068	53	140371	97.170	ug/l	99
16) Acetone	2.404	43	123555	89.681	ug/l	96
17) Carbon Disulfide	2.514	76	109551	17.895	ug/l	100
18) Methyl Acetate	2.709	43	106748	20.037	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	171187	19.539	ug/l	97
20) Methylene Chloride	2.788	84	55845	17.678	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	51339	18.510	ug/l	97
22) Diisopropyl ether	3.757	45	174841	19.660	ug/l	96
23) Vinyl Acetate	3.721	43	606756	99.258	ug/l	99
24) 1,1-Dichloroethane	3.611	63	94803	18.925	ug/l	99
25) 2-Butanone	4.568	43	193447	96.199	ug/l	96
26) 2,2-Dichloropropane	4.477	77	68476	17.448	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	61049	18.726	ug/l	94
28) Bromochloromethane	4.891	49	45565	21.345	ug/l	88
29) Tetrahydrofuran	5.019	42	125674	97.490	ug/l	96
30) Chloroform	5.092	83	97635	19.307	ug/l	93
31) Cyclohexane	5.470	56	87162	19.370	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	84150	18.988	ug/l	97
36) 1,1-Dichloropropene	5.690	75	73450	18.299	ug/l	98
37) Ethyl Acetate	4.715	43	73162	19.956	ug/l	96
38) Carbon Tetrachloride	5.678	117	69906	18.346	ug/l	98
39) Methylcyclohexane	7.379	83	90068	18.434	ug/l	97
40) Benzene	6.037	78	216167	18.773	ug/l	99

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41) Methacrylonitrile	4.922	41	41052	19.542	ug/l	96
42) 1,2-Dichloroethane	6.086	62	78143	19.034	ug/l	98
43) Isopropyl Acetate	6.336	43	118339	19.210	ug/l	95
44) Trichloroethene	7.123	130	59176	18.655	ug/l	92
45) 1,2-Dichloropropane	7.434	63	55274	19.040	ug/l	98
46) Dibromomethane	7.580	93	38163	19.144	ug/l	94
47) Bromodichloromethane	7.824	83	67269	18.315	ug/l	98
48) Methyl methacrylate	7.696	41	59537	19.703	ug/l	93
49) 1,4-Dioxane	7.744	88	29547	401.150	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	372429	98.407	ug/l	96
52) Toluene	8.720	92	138558	18.984	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	71020	18.515	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	81536	18.806	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	55780	19.171	ug/l	99
56) Ethyl methacrylate	9.116	69	84531	19.502	ug/l	90
57) 1,3-Dichloropropane	9.305	76	95209	19.131	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	193962	89.495	ug/l	95
59) 2-Hexanone	9.433	43	276641	97.300	ug/l	94
60) Dibromochloromethane	9.519	129	51224	18.374	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57453	19.154	ug/l	99
64) Tetrachloroethene	9.275	164	52652	18.568	ug/l	99
65) Chlorobenzene	10.079	112	147798	18.446	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	51960	18.634	ug/l	99
67) Ethyl Benzene	10.195	91	264729	19.079	ug/l	98
68) m/p-Xylenes	10.305	106	204173	38.401	ug/l	97
69) o-Xylene	10.640	106	99741	19.130	ug/l	99
70) Styrene	10.652	104	161502	19.105	ug/l	98
71) Bromoform	10.799	173	34884	17.985	ug/l #	100
73) Isopropylbenzene	10.963	105	259472	19.709	ug/l	99
74) N-amyl acetate	10.841	43	98813	19.972	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	81072	19.840	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	66756m	18.581	ug/l	
77) Bromobenzene	11.201	156	64580	19.733	ug/l	93
78) n-propylbenzene	11.305	91	294254	19.461	ug/l	99
79) 2-Chlorotoluene	11.366	91	178441	18.886	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	221731	19.974	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	18956	17.089	ug/l	92
82) 4-Chlorotoluene	11.457	91	208351	19.634	ug/l	99
83) tert-Butylbenzene	11.713	119	220474	19.794	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	218914	19.627	ug/l	99
85) sec-Butylbenzene	11.890	105	265460	19.430	ug/l	99
86) p-Isopropyltoluene	12.012	119	225279	19.387	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	120390	19.357	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	120270	18.444	ug/l	99
89) n-Butylbenzene	12.335	91	182421	18.597	ug/l	99
90) Hexachloroethane	12.536	117	32731	18.401	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	118382	19.031	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16133	19.689	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	72655	18.582	ug/l	98
94) Hexachlorobutadiene	13.725	225	31344	18.266	ug/l	99
95) Naphthalene	13.774	128	250764	20.833	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	76604	19.462	ug/l	98

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

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