

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042522\
 Data File : VX028331.D
 Acq On : 25 Apr 2022 17:12
 Operator : JC/MD
 Sample : VX0425MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/26/2022
 Supervised By : Mahesh Dadoda 04/26/2022

Quant Time: Apr 26 08:12:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	370668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	592497	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	552666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	292730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203726	42.152	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.300%		
35) Dibromofluoromethane	5.391	113	179726	43.254	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	86.500%		
50) Toluene-d8	8.653	98	677762	42.469	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	84.940%		
62) 4-Bromofluorobenzene	11.085	95	249771	40.932	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	81.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60728	25.380	ug/l	100
3) Chloromethane	1.294	50	54320	21.126	ug/l	99
4) Vinyl Chloride	1.374	62	66349	17.756	ug/l	98
5) Bromomethane	1.599	94	53922	9.580	ug/l	96
6) Chloroethane	1.685	64	48327	15.858	ug/l	97
7) Trichlorofluoromethane	1.886	101	123483	14.986	ug/l	99
8) Diethyl Ether	2.136	74	43510	15.419	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	62574	20.847	ug/l	98
10) Methyl Iodide	2.453	142	69699	20.436	ug/l	95
11) Tert butyl alcohol	2.959	59	78894	78.420	ug/l	99
12) 1,1-Dichloroethene	2.319	96	56784	19.934	ug/l	93
13) Acrolein	2.233	56	57552	97.164	ug/l	97
14) Allyl chloride	2.666	41	78552	16.434	ug/l	92
15) Acrylonitrile	3.062	53	178983	90.874	ug/l	100
16) Acetone	2.373	43	152265	102.324	ug/l	92
17) Carbon Disulfide	2.514	76	108543	14.149	ug/l	99
18) Methyl Acetate	2.703	43	78360	18.235	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	205238	17.277	ug/l	100
20) Methylene Chloride	2.788	84	68640	19.141	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	64196	16.571	ug/l	93
22) Diisopropyl ether	3.763	45	182054	16.722	ug/l	91
23) Vinyl Acetate	3.721	43	785552	82.590	ug/l	99
24) 1,1-Dichloroethane	3.611	63	112673	17.527	ug/l	97
25) 2-Butanone	4.556	43	247938	86.621	ug/l	100
26) 2,2-Dichloropropane	4.483	77	94171	15.004	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	78181	16.924	ug/l	92
28) Bromochloromethane	4.903	49	48845	17.710	ug/l	88
29) Tetrahydrofuran	5.001	42	154805	82.945	ug/l	100
30) Chloroform	5.099	83	128817	16.686	ug/l	100
31) Cyclohexane	5.477	56	91671	15.568	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	112346	16.071	ug/l	98
36) 1,1-Dichloropropene	5.696	75	88783	16.381	ug/l	97
37) Ethyl Acetate	4.721	43	91780	16.688	ug/l	100
38) Carbon Tetrachloride	5.684	117	96424	15.759	ug/l	93
39) Methylcyclohexane	7.385	83	108592	15.879	ug/l	94
40) Benzene	6.044	78	267809	16.880	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	46531	16.399	ug/l	96
42) 1,2-Dichloroethane	6.092	62	96687	16.417	ug/l	100
43) Isopropyl Acetate	6.342	43	141797	15.842	ug/l	98
44) Trichloroethene	7.129	130	79984	17.385	ug/l	96
45) 1,2-Dichloropropane	7.434	63	65111	16.766	ug/l	99
46) Dibromomethane	7.586	93	51370	16.863	ug/l	100
47) Bromodichloromethane	7.824	83	88467	15.110	ug/l	99
48) Methyl methacrylate	7.696	41	68790	16.740	ug/l	91
49) 1,4-Dioxane	7.659	88	38654	351.615	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	484708	84.389	ug/l	97
52) Toluene	8.720	92	183442	16.643	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	91143	14.647	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	100739	15.076	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	76961	17.185	ug/l	99
56) Ethyl methacrylate	9.116	69	107176	16.509	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	122291	16.918	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	255677	83.941	ug/l	93
59) 2-Hexanone	9.433	43	374825	84.246	ug/l	95
60) Dibromochloromethane	9.525	129	72384	14.826	ug/l	96
61) 1,2-Dibromoethane	9.610	107	81914	16.672	ug/l	98
64) Tetrachloroethene	9.275	164	76697	17.767	ug/l	97
65) Chlorobenzene	10.079	112	208788	17.719	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	73538	16.753	ug/l	99
67) Ethyl Benzene	10.195	91	350238	17.726	ug/l	96
68) m/p-Xylenes	10.305	106	284011	35.318	ug/l	97
69) o-Xylene	10.646	106	139712	17.426	ug/l	96
70) Styrene	10.659	104	226444	17.434	ug/l	100
71) Bromoform	10.799	173	50795	15.219	ug/l #	100
73) Isopropylbenzene	10.963	105	364263	18.104	ug/l	99
74) N-amyl acetate	10.848	43	117477	16.893	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	119419	18.290	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	103892m	18.033	ug/l	
77) Bromobenzene	11.201	156	95945	18.310	ug/l	89
78) n-propylbenzene	11.305	91	408074	18.291	ug/l	98
79) 2-Chlorotoluene	11.366	91	248077	17.885	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	308701	18.075	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	26191	13.510	ug/l #	79
82) 4-Chlorotoluene	11.457	91	282057	17.653	ug/l	95
83) tert-Butylbenzene	11.713	119	310388	17.797	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	310508	18.289	ug/l	98
85) sec-Butylbenzene	11.890	105	379815	18.052	ug/l	98
86) p-Isopropyltoluene	12.012	119	326463	17.985	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	179054	18.185	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	177738	17.192	ug/l	98
89) n-Butylbenzene	12.335	91	259170	17.388	ug/l	97
90) Hexachloroethane	12.542	117	44647	14.988	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	177869	18.185	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23884	16.449	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	107468	18.473	ug/l	99
94) Hexachlorobutadiene	13.725	225	44593	17.178	ug/l	96
95) Naphthalene	13.780	128	371272	19.158	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	106158	18.590	ug/l	98

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

