

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042222\
 Data File : VX028281.D
 Acq On : 22 Apr 2022 16:02
 Operator : JC/MD
 Sample : VX0422MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2022
 Supervised By : Mahesh Dadoda 04/25/2022

Quant Time: Apr 23 06:41:43 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	861140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	1388849	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	1314309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	688889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	486130	43.295	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.600%		
35) Dibromofluoromethane	5.385	113	461520	47.385	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.760%		
50) Toluene-d8	8.653	98	1663287	44.462	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	88.920%		
62) 4-Bromofluorobenzene	11.079	95	639260	44.692	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	68006	12.234	ug/l	98
3) Chloromethane	1.294	50	57856	8.313	ug/l	99
4) Vinyl Chloride	1.374	62	70683	8.142	ug/l	99
5) Bromomethane	1.599	94	61267	Below Cal		100
6) Chloroethane	1.685	64	48856	4.952	ug/l	95
7) Trichlorofluoromethane	1.886	101	129901	6.786	ug/l	98
8) Diethyl Ether	2.136	74	47973	5.571	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	68368	9.804	ug/l	97
10) Methyl Iodide	2.453	142	77040	12.467	ug/l	98
11) Tert butyl alcohol	2.965	59	82175	29.452	ug/l	100
12) 1,1-Dichloroethene	2.319	96	64446	9.738	ug/l	92
13) Acrolein	2.233	56	77911	56.618	ug/l	100
14) Allyl chloride	2.666	41	85750	7.722	ug/l	94
15) Acrylonitrile	3.062	53	183584	40.121	ug/l	100
16) Acetone	2.380	43	154224	43.819	ug/l	92
17) Carbon Disulfide	2.514	76	128068	7.186	ug/l	99
18) Methyl Acetate	2.703	43	81328	8.146	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	224461	8.133	ug/l	99
20) Methylene Chloride	2.788	84	71190	8.545	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	70868	7.874	ug/l	90
22) Diisopropyl ether	3.763	45	190312	7.524	ug/l	91
23) Vinyl Acetate	3.721	43	825264	37.347	ug/l	99
24) 1,1-Dichloroethane	3.611	63	119851	8.025	ug/l	99
25) 2-Butanone	4.556	43	247354	37.197	ug/l	97
26) 2,2-Dichloropropane	4.477	77	100302	6.879	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	85529	7.970	ug/l	91
28) Bromochloromethane	4.904	49	50623	7.901	ug/l	84
29) Tetrahydrofuran	5.007	42	157887	36.414	ug/l	98
30) Chloroform	5.099	83	133890	7.465	ug/l	92
31) Cyclohexane	5.471	56	98676	7.213	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	123021	7.575	ug/l	96
36) 1,1-Dichloropropene	5.696	75	96590	7.603	ug/l	97
37) Ethyl Acetate	4.715	43	94112	7.300	ug/l	99
38) Carbon Tetrachloride	5.684	117	103684	7.229	ug/l	98
39) Methylcyclohexane	7.385	83	115962	7.234	ug/l	95
40) Benzene	6.044	78	281435	7.568	ug/l	98

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41) Methacrylonitrile	4.922	41	49634	7.463	ug/l	98
42) 1,2-Dichloroethane	6.092	62	101653	7.363	ug/l	99
43) Isopropyl Acetate	6.342	43	151840	7.237	ug/l	97
44) Trichloroethene	7.129	130	87673	8.129	ug/l	97
45) 1,2-Dichloropropane	7.434	63	67762	7.444	ug/l	100
46) Dibromomethane	7.586	93	53636	7.511	ug/l	98
47) Bromodichloromethane	7.824	83	94516	6.887	ug/l	98
48) Methyl methacrylate	7.696	41	71746	7.448	ug/l	92
49) 1,4-Dioxane	7.659	88	39509	153.321	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	494903	36.759	ug/l	97
52) Toluene	8.720	92	193018	7.471	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	98994	6.787	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	108744	6.943	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	80487	7.667	ug/l	99
56) Ethyl methacrylate	9.116	69	113908	7.485	ug/l #	95
57) 1,3-Dichloropropane	9.311	76	125332	7.397	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	276509	38.728	ug/l	90
59) 2-Hexanone	9.433	43	385164	36.932	ug/l	95
60) Dibromochloromethane	9.525	129	77633	6.784	ug/l	96
61) 1,2-Dibromoethane	9.610	107	86876	7.543	ug/l	100
64) Tetrachloroethene	9.275	164	83858	8.168	ug/l	98
65) Chlorobenzene	10.079	112	218995	7.815	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	80099	7.673	ug/l	98
67) Ethyl Benzene	10.195	91	372255	7.922	ug/l	97
68) m/p-Xylenes	10.305	106	301326	15.757	ug/l	96
69) o-Xylene	10.646	106	148134	7.769	ug/l	96
70) Styrene	10.659	104	242937	7.865	ug/l	99
71) Bromoform	10.799	173	55070	8.884	ug/l #	99
73) Isopropylbenzene	10.963	105	385117	8.133	ug/l	99
74) N-amyl acetate	10.848	43	126815	7.749	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	122559	7.976	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	106524m	7.857	ug/l	
77) Bromobenzene	11.201	156	100962	8.187	ug/l	89
78) n-propylbenzene	11.305	91	422665	8.050	ug/l	95
79) 2-Chlorotoluene	11.366	91	257903	7.901	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	324553	8.075	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	28871	6.328	ug/l #	85
82) 4-Chlorotoluene	11.457	91	299080	7.954	ug/l	95
83) tert-Butylbenzene	11.719	119	330539	8.054	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	326358	8.168	ug/l	97
85) sec-Butylbenzene	11.890	105	397790	8.034	ug/l	97
86) p-Isopropyltoluene	12.012	119	348789	8.165	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	191011	8.244	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	193746	7.964	ug/l	97
89) n-Butylbenzene	12.335	91	272871	7.779	ug/l	97
90) Hexachloroethane	12.542	117	49048	7.964	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	191788	8.332	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25381	7.428	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	120420	8.796	ug/l	98
94) Hexachlorobutadiene	13.725	225	47562	7.785	ug/l	97
95) Naphthalene	13.774	128	420209	9.214	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	117440	8.739	ug/l	98

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

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