

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042722\
 Data File : VX028370.D
 Acq On : 27 Apr 2022 12:04
 Operator : JC/MD
 Sample : VX0427MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2022
 Supervised By : Mahesh Dadoda 04/28/2022

Quant Time: Apr 27 15:53:17 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	341318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	534069	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	502923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	262998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	209296	47.029	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.060%		
35) Dibromofluoromethane	5.385	113	188505	50.330	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.660%		
50) Toluene-d8	8.647	98	685539	47.656	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.320%		
62) 4-Bromofluorobenzene	11.079	95	257156	46.753	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57782	26.225	ug/l	99
3) Chloromethane	1.294	50	51781	21.959	ug/l	99
4) Vinyl Chloride	1.374	62	63907	18.573	ug/l	98
5) Bromomethane	1.599	94	80816	21.735	ug/l	99
6) Chloroethane	1.685	64	44750	15.966	ug/l	94
7) Trichlorofluoromethane	1.886	101	120500	15.881	ug/l	97
8) Diethyl Ether	2.130	74	45236	17.838	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	62714	22.690	ug/l	99
10) Methyl Iodide	2.453	142	78088	23.730	ug/l	96
11) Tert butyl alcohol	2.953	59	80803	88.386	ug/l	96
12) 1,1-Dichloroethene	2.319	96	57046	21.748	ug/l	99
13) Acrolein	2.233	56	45841	84.047	ug/l	99
14) Allyl chloride	2.666	41	78212	17.769	ug/l	92
15) Acrylonitrile	3.062	53	172319	95.014	ug/l	99
16) Acetone	2.380	43	142887	104.305	ug/l	95
17) Carbon Disulfide	2.514	76	112682	15.952	ug/l	98
18) Methyl Acetate	2.703	43	75805	19.158	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	210173	19.214	ug/l	98
20) Methylene Chloride	2.788	84	66814	20.234	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	62601	17.548	ug/l	95
22) Diisopropyl ether	3.757	45	181101	18.065	ug/l #	75
23) Vinyl Acetate	3.721	43	790962	90.310	ug/l	99
24) 1,1-Dichloroethane	3.611	63	110903	18.736	ug/l	98
25) 2-Butanone	4.550	43	227706	86.393	ug/l	98
26) 2,2-Dichloropropane	4.477	77	93094	16.108	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	78393	18.430	ug/l	93
28) Bromochloromethane	4.897	49	50907	20.045	ug/l	89
29) Tetrahydrofuran	5.001	42	147874	86.045	ug/l	99
30) Chloroform	5.093	83	126854	17.845	ug/l	99
31) Cyclohexane	5.470	56	91058	16.794	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	111871	17.379	ug/l	98
36) 1,1-Dichloropropene	5.690	75	87765	17.964	ug/l	97
37) Ethyl Acetate	4.715	43	91035	18.364	ug/l	99
38) Carbon Tetrachloride	5.678	117	96914	17.572	ug/l	97
39) Methylcyclohexane	7.379	83	101929	16.535	ug/l	98
40) Benzene	6.037	78	263600	18.432	ug/l	100

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41) Methacrylonitrile	4.922	41	45998	17.985	ug/l	98
42) 1,2-Dichloroethane	6.086	62	97817	18.426	ug/l	99
43) Isopropyl Acetate	6.342	43	140698	17.439	ug/l	98
44) Trichloroethene	7.123	130	78308	18.883	ug/l	100
45) 1,2-Dichloropropane	7.427	63	65029	18.577	ug/l	95
46) Dibromomethane	7.580	93	51819	18.871	ug/l	99
47) Bromodichloromethane	7.824	83	93643	17.743	ug/l	96
48) Methyl methacrylate	7.690	41	67177	18.136	ug/l	91
49) 1,4-Dioxane	7.659	88	32874	331.753	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	469390	90.663	ug/l	97
52) Toluene	8.720	92	180310	18.148	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	93995	16.758	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	104590	17.365	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	77288	19.146	ug/l	98
56) Ethyl methacrylate	9.116	69	106983	18.283	ug/l #	91
57) 1,3-Dichloropropane	9.311	76	121817	18.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	262108	95.467	ug/l	93
59) 2-Hexanone	9.433	43	359260	89.581	ug/l	95
60) Dibromochloromethane	9.519	129	75818	17.228	ug/l	96
61) 1,2-Dibromoethane	9.610	107	83425	18.838	ug/l	100
64) Tetrachloroethene	9.275	164	77629	19.761	ug/l	97
65) Chlorobenzene	10.079	112	202645	18.899	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	74703	18.702	ug/l	99
67) Ethyl Benzene	10.195	91	351465	19.547	ug/l	97
68) m/p-Xylenes	10.305	106	278606	38.073	ug/l	98
69) o-Xylene	10.640	106	137840	18.893	ug/l	97
70) Styrene	10.659	104	228030	19.292	ug/l	98
71) Bromoform	10.799	173	54907	17.407	ug/l #	99
73) Isopropylbenzene	10.963	105	358934	19.856	ug/l	99
74) N-amyl acetate	10.841	43	120792	19.333	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	119627	20.393	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	107864m	20.839	ug/l	
77) Bromobenzene	11.201	156	93862	19.937	ug/l	90
78) n-propylbenzene	11.305	91	398772	19.894	ug/l	97
79) 2-Chlorotoluene	11.366	91	240875	19.329	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	296440	19.319	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	28369	16.288	ug/l	86
82) 4-Chlorotoluene	11.457	91	278393	19.393	ug/l	95
83) tert-Butylbenzene	11.713	119	305248	19.481	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	301180	19.745	ug/l	98
85) sec-Butylbenzene	11.890	105	365739	19.348	ug/l	98
86) p-Isopropyltoluene	12.012	119	313803	19.242	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	177016	20.011	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	179034	19.275	ug/l	99
89) n-Butylbenzene	12.335	91	250390	18.698	ug/l	98
90) Hexachloroethane	12.542	117	46000	16.921	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	179767	20.457	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23442	17.969	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	106593	20.394	ug/l	99
94) Hexachlorobutadiene	13.725	225	45936	19.696	ug/l	94
95) Naphthalene	13.774	128	368371	21.157	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	107853	21.023	ug/l	96

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

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