

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032822\
 Data File : VX027748.D
 Acq On : 28 Mar 2022 13:15
 Operator : JC/MD
 Sample : VX0328MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 28 17:00:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	60576	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	104445	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	94359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	55587	55.949	ug/l	-0.01
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.900%			
35) Dibromofluoromethane	5.385	113	35757	52.133	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.260%			
50) Toluene-d8	8.647	98	126215	47.604	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.200%			
62) 4-Bromofluorobenzene	11.079	95	51219	47.608	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	11791	16.781	ug/l	94
3) Chloromethane	1.294	50	11441	15.714	ug/l	100
4) Vinyl Chloride	1.374	62	11273	16.120	ug/l	98
5) Bromomethane	1.599	94	5100	18.164	ug/l	97
6) Chloroethane	1.679	64	7544	16.810	ug/l	94
7) Trichlorofluoromethane	1.886	101	18220	17.650	ug/l	98
8) Diethyl Ether	2.136	74	6655	17.863	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	11842	17.154	ug/l	96
10) Methyl Iodide	2.453	142	13270	20.152	ug/l	91
11) Tert butyl alcohol	2.965	59	19397	104.857	ug/l	99
12) 1,1-Dichloroethene	2.319	96	11210	17.422	ug/l	92
13) Acrolein	2.233	56	13699	105.797	ug/l	95
14) Allyl chloride	2.660	41	24101	19.799	ug/l	# 88
15) Acrylonitrile	3.062	53	46103	101.768	ug/l	96
16) Acetone	2.380	43	35038	83.387	ug/l	88
17) Carbon Disulfide	2.508	76	24785	14.357	ug/l	98
18) Methyl Acetate	2.703	43	22129	20.593	ug/l	# 87
19) Methyl tert-butyl Ether	3.117	73	51427	21.771	ug/l	98
20) Methylene Chloride	2.788	84	14202	18.945	ug/l	# 77
21) trans-1,2-Dichloroethene	3.087	96	12346	17.250	ug/l	82
22) Diisopropyl ether	3.757	45	52289	21.559	ug/l	# 69
23) Vinyl Acetate	3.721	43	236426	111.478	ug/l	# 88
24) 1,1-Dichloroethane	3.611	63	27723	20.173	ug/l	96
25) 2-Butanone	4.556	43	66448	98.470	ug/l	# 87
26) 2,2-Dichloropropane	4.471	77	21989	20.924	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	15267	19.151	ug/l	83
28) Bromochloromethane	4.898	49	12350	22.529	ug/l	# 80
29) Tetrahydrofuran	5.007	42	42010	111.512	ug/l	# 83
30) Chloroform	5.093	83	28322	20.566	ug/l	97
31) Cyclohexane	5.471	56	22980	19.075	ug/l	# 73
32) 1,1,1-Trichloroethane	5.391	97	23561	19.250	ug/l	95
36) 1,1-Dichloropropene	5.690	75	19466	17.968	ug/l	95
37) Ethyl Acetate	4.715	43	25203	19.987	ug/l	96
38) Carbon Tetrachloride	5.678	117	19913	18.809	ug/l	97
39) Methylcyclohexane	7.379	83	21891	17.566	ug/l	93
40) Benzene	6.038	78	56402	18.847	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	13661	20.682	ug/l #	90
42) 1,2-Dichloroethane	6.092	62	26628	20.931	ug/l	91
43) Isopropyl Acetate	6.342	43	40922	21.488	ug/l #	89
44) Trichloroethene	7.129	130	13858	17.897	ug/l	92
45) 1,2-Dichloropropane	7.434	63	13668	17.403	ug/l	97
46) Dibromomethane	7.580	93	10296	18.319	ug/l	90
47) Bromodichloromethane	7.818	83	19160	17.408	ug/l	96
48) Methyl methacrylate	7.690	41	15912	16.659	ug/l	86
49) 1,4-Dioxane	7.659	88	6906	343.742	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	108476	82.973	ug/l	91
52) Toluene	8.720	92	34176	18.267	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	20426	17.840	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	22185	18.283	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	14144	18.609	ug/l	90
56) Ethyl methacrylate	9.116	69	22978	18.496	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	24368	17.772	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	57252	90.013	ug/l	98
59) 2-Hexanone	9.427	43	85153	83.349	ug/l	85
60) Dibromochloromethane	9.519	129	14134	19.223	ug/l	97
61) 1,2-Dibromoethane	9.610	107	15116	18.624	ug/l	99
64) Tetrachloroethene	9.275	164	13210	19.413	ug/l	94
65) Chlorobenzene	10.079	112	37291	18.758	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	13389	19.596	ug/l	98
67) Ethyl Benzene	10.195	91	68072	18.384	ug/l	99
68) m/p-Xylenes	10.299	106	51143	38.107	ug/l	94
69) o-Xylene	10.640	106	24829	18.411	ug/l	90
70) Styrene	10.659	104	42167	19.668	ug/l	94
71) Bromoform	10.799	173	9724	19.644	ug/l #	96
73) Isopropylbenzene	10.963	105	67291	18.372	ug/l	98
74) N-amyl acetate	10.842	43	27426	15.601	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	21722	16.831	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	20817m	16.766	ug/l	
77) Bromobenzene	11.201	156	15149	18.720	ug/l	88
78) n-propylbenzene	11.305	91	78427	18.047	ug/l	99
79) 2-Chlorotoluene	11.366	91	48493	17.700	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	58419	18.557	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	6073	16.649	ug/l #	77
82) 4-Chlorotoluene	11.457	91	56118	17.806	ug/l	96
83) tert-Butylbenzene	11.713	119	53900	18.637	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	59543	18.634	ug/l	96
85) sec-Butylbenzene	11.890	105	69230	18.273	ug/l	98
86) p-Isopropyltoluene	12.012	119	57350	19.234	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	29093	19.228	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	28028	17.882	ug/l	93
89) n-Butylbenzene	12.335	91	52457	18.584	ug/l	96
90) Hexachloroethane	12.542	117	8353	17.554	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	28392	19.352	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5290	16.723	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	18053	20.877	ug/l	98
94) Hexachlorobutadiene	13.725	225	9047	21.485	ug/l	91
95) Naphthalene	13.780	128	65651	20.673	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	18209	21.066	ug/l	95

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

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