

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032822\
 Data File : VX027747.D
 Acq On : 28 Mar 2022 12:39
 Operator : JC/MD
 Sample : VX0328MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 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 16:59:42 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	5.556	168	65565	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	107496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	95217	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49355	45.896	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.800%		
35) Dibromofluoromethane	5.391	113	35432	50.193	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.380%		
50) Toluene-d8	8.653	98	133764	49.019	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.040%		
62) 4-Bromofluorobenzene	11.079	95	56270	50.818	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.640%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	11585	15.233	ug/l	97
3) Chloromethane	1.294	50	11583	14.699	ug/l	96
4) Vinyl Chloride	1.374	62	11369	15.020	ug/l	91
5) Bromomethane	1.599	94	5034	16.565	ug/l	95
6) Chloroethane	1.678	64	7294	15.016	ug/l	# 86
7) Trichlorofluoromethane	1.886	101	18713	16.748	ug/l	94
8) Diethyl Ether	2.136	74	6944	17.221	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	12895	17.258	ug/l	94
10) Methyl Iodide	2.453	142	12581	18.007	ug/l	91
11) Tert butyl alcohol	2.971	59	16404	81.930	ug/l	99
12) 1,1-Dichloroethene	2.318	96	11128	15.978	ug/l	86
13) Acrolein	2.233	56	14226	101.507	ug/l	100
14) Allyl chloride	2.666	41	21427	16.263	ug/l	# 91
15) Acrylonitrile	3.062	53	41554	84.747	ug/l	98
16) Acetone	2.379	43	35002	76.963	ug/l	93
17) Carbon Disulfide	2.507	76	25036	13.399	ug/l	96
18) Methyl Acetate	2.703	43	19177	16.488	ug/l	90
19) Methyl tert-butyl Ether	3.111	73	46285	18.103	ug/l	97
20) Methylene Chloride	2.788	84	14113	17.393	ug/l	# 86
21) trans-1,2-Dichloroethene	3.093	96	12698	16.392	ug/l	91
22) Diisopropyl ether	3.763	45	44837	17.080	ug/l	# 84
23) Vinyl Acetate	3.721	43	197476	86.027	ug/l	# 91
24) 1,1-Dichloroethane	3.611	63	25540	17.170	ug/l	97
25) 2-Butanone	4.556	43	59757	81.816	ug/l	91
26) 2,2-Dichloropropane	4.477	77	20650	18.155	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	15845	18.364	ug/l	95
28) Bromochloromethane	4.903	49	11236	18.937	ug/l	87
29) Tetrahydrofuran	5.007	42	37816	89.647	ug/l	88
30) Chloroform	5.092	83	26485	17.769	ug/l	96
31) Cyclohexane	5.476	56	22561	17.302	ug/l	# 83
32) 1,1,1-Trichloroethane	5.391	97	22677	17.118	ug/l	95
36) 1,1-Dichloropropene	5.690	75	19871	17.822	ug/l	96
37) Ethyl Acetate	4.714	43	22928	17.667	ug/l	97
38) Carbon Tetrachloride	5.684	117	19614	18.001	ug/l	94
39) Methylcyclohexane	7.379	83	23360	18.213	ug/l	89
40) Benzene	6.037	78	57620	18.708	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	12822	18.861	ug/l	93
42) 1,2-Dichloroethane	6.086	62	23370	17.848	ug/l	94
43) Isopropyl Acetate	6.342	43	37659	19.213	ug/l #	92
44) Trichloroethene	7.129	130	14322	17.972	ug/l	81
45) 1,2-Dichloropropane	7.433	63	15737	19.468	ug/l	100
46) Dibromomethane	7.586	93	11165	19.302	ug/l #	85
47) Bromodichloromethane	7.824	83	22826	20.150	ug/l	99
48) Methyl methacrylate	7.696	41	20806	21.867	ug/l #	78
49) 1,4-Dioxane	7.659	88	7615	368.274	ug/l #	86
51) 4-Methyl-2-Pentanone	8.573	43	141447	105.122	ug/l #	86
52) Toluene	8.720	92	35881	18.634	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	23185	19.505	ug/l	93
54) cis-1,3-Dichloropropene	8.366	75	24323	19.476	ug/l #	73
55) 1,1,2-Trichloroethane	9.153	97	15037	19.222	ug/l	89
56) Ethyl methacrylate	9.116	69	25911	20.265	ug/l #	69
57) 1,3-Dichloropropane	9.311	76	26848	19.025	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	65662	100.305	ug/l	90
59) 2-Hexanone	9.433	43	107607	102.338	ug/l	80
60) Dibromochloromethane	9.524	129	14442	19.085	ug/l	96
61) 1,2-Dibromoethane	9.610	107	14625	17.507	ug/l	93
64) Tetrachloroethene	9.275	164	13249	19.273	ug/l	90
65) Chlorobenzene	10.079	112	37096	18.492	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	13690	19.856	ug/l	98
67) Ethyl Benzene	10.195	91	73610	19.701	ug/l	94
68) m/p-Xylenes	10.305	106	51973	38.377	ug/l	82
69) o-Xylene	10.646	106	26309	19.332	ug/l	86
70) Styrene	10.658	104	42511	19.650	ug/l #	87
71) Bromoform	10.799	173	9657	19.333	ug/l #	100
73) Isopropylbenzene	10.963	105	69583	18.593	ug/l	97
74) N-amyl acetate	10.841	43	35379	19.697	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	11.213	83	23637	17.925	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	23668m	18.657	ug/l	
77) Bromobenzene	11.201	156	15410	18.637	ug/l	75
78) n-propylbenzene	11.305	91	85738	19.309	ug/l	97
79) 2-Chlorotoluene	11.366	91	52718	18.833	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	63494	19.739	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	6501	17.443	ug/l #	70
82) 4-Chlorotoluene	11.457	91	61161	18.993	ug/l	93
83) tert-Butylbenzene	11.719	119	56874	19.247	ug/l	82
84) 1,2,4-Trimethylbenzene	11.756	105	63405	19.421	ug/l	90
85) sec-Butylbenzene	11.890	105	74392	19.218	ug/l	96
86) p-Isopropyltoluene	12.012	119	60743	19.938	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	29264	18.930	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	29251	18.265	ug/l	93
89) n-Butylbenzene	12.335	91	55743	19.327	ug/l	95
90) Hexachloroethane	12.542	117	8940	18.388	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	28585	19.069	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5311	16.432	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	17216	19.485	ug/l	98
94) Hexachlorobutadiene	13.725	225	7786	18.097	ug/l	94
95) Naphthalene	13.780	128	58179	17.930	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	15755	17.839	ug/l	97

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

