

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
 Data File : VX028160.D
 Acq On : 19 Apr 2022 15:19
 Operator : JC/MD
 Sample : VX0419MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0419MBS01

Quant Time: Apr 20 08:15:30 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

Manual Integrations APPROVED

Reviewed By : John Carlone 04/20/2022
 Supervised By : Mahesh Dadoda 04/21/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	281937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	461498	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	443432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	237871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	182689	49.696	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.400%		
35) Dibromofluoromethane	5.385	113	150060	46.366	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.740%		
50) Toluene-d8	8.647	98	586785	47.205	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.420%		
62) 4-Bromofluorobenzene	11.079	95	220701	46.435	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32060	17.616	ug/l	99
3) Chloromethane	1.288	50	40915	20.896	ug/l	100
4) Vinyl Chloride	1.374	62	54679	19.238	ug/l	99
5) Bromomethane	1.599	94	55827	16.574	ug/l	96
6) Chloroethane	1.685	64	42012	18.617	ug/l	97
7) Trichlorofluoromethane	1.886	101	116896	18.651	ug/l	99
8) Diethyl Ether	2.130	74	39251	18.906	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	41160	18.028	ug/l	97
10) Methyl Iodide	2.453	142	43210	17.625	ug/l	95
11) Tert butyl alcohol	2.959	59	66461	87.965	ug/l	99
12) 1,1-Dichloroethene	2.319	96	37342	17.234	ug/l	96
13) Acrolein	2.233	56	41015	91.037	ug/l	97
14) Allyl chloride	2.666	41	66291	18.233	ug/l	88
15) Acrylonitrile	3.062	53	138868	92.697	ug/l	99
16) Acetone	2.374	43	109617	96.772	ug/l	92
17) Carbon Disulfide	2.514	76	100670	17.253	ug/l	99
18) Methyl Acetate	2.703	43	60529	18.519	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	167951	18.588	ug/l	99
20) Methylene Chloride	2.788	84	49715	18.227	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	51949	17.629	ug/l	94
22) Diisopropyl ether	3.757	45	158649	19.158	ug/l #	82
23) Vinyl Acetate	3.721	43	708465	97.927	ug/l	98
24) 1,1-Dichloroethane	3.611	63	92623	18.943	ug/l	98
25) 2-Butanone	4.550	43	206617	94.903	ug/l	97
26) 2,2-Dichloropropane	4.471	77	89603	18.769	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	65878	18.749	ug/l	95
28) Bromochloromethane	4.897	49	45638	21.755	ug/l	97
29) Tetrahydrofuran	5.001	42	130030	91.598	ug/l	98
30) Chloroform	5.093	83	111064	18.914	ug/l	98
31) Cyclohexane	5.471	56	88155	19.683	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	102873	19.347	ug/l	98
36) 1,1-Dichloropropene	5.696	75	77796	18.428	ug/l	99
37) Ethyl Acetate	4.715	43	79286	18.509	ug/l	99
38) Carbon Tetrachloride	5.678	117	88329	18.534	ug/l	98
39) Methylcyclohexane	7.379	83	100788	18.921	ug/l	97
40) Benzene	6.038	78	234538	18.979	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	40619	18.379	ug/l	97
42) 1,2-Dichloroethane	6.086	62	88055	19.196	ug/l	98
43) Isopropyl Acetate	6.336	43	129094	18.517	ug/l	96
44) Trichloroethene	7.123	130	67603	18.865	ug/l	97
45) 1,2-Dichloropropane	7.428	63	57585	19.037	ug/l	95
46) Dibromomethane	7.580	93	44697	18.837	ug/l	97
47) Bromodichloromethane	7.824	83	85928	18.842	ug/l	99
48) Methyl methacrylate	7.696	41	59293	18.525	ug/l	90
49) 1,4-Dioxane	7.659	88	32313	377.370	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	410574	91.773	ug/l	97
52) Toluene	8.720	92	161817	18.848	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	90839	18.742	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	95564	18.361	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	66284	19.002	ug/l	97
56) Ethyl methacrylate	9.116	69	94303	18.650	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	105084	18.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	238107	100.363	ug/l	94
59) 2-Hexanone	9.427	43	318041	91.774	ug/l	93
60) Dibromochloromethane	9.525	129	68817	18.096	ug/l	95
61) 1,2-Dibromoethane	9.610	107	71728	18.743	ug/l	100
64) Tetrachloroethene	9.275	164	64932	18.747	ug/l	95
65) Chlorobenzene	10.079	112	178318	18.861	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	64661	18.360	ug/l	99
67) Ethyl Benzene	10.195	91	308013	19.429	ug/l	98
68) m/p-Xylenes	10.305	106	250600	38.840	ug/l	99
69) o-Xylene	10.640	106	122119	18.983	ug/l	97
70) Styrene	10.659	104	198105	19.009	ug/l	99
71) Bromoform	10.799	173	49009	17.577	ug/l #	100
73) Isopropylbenzene	10.963	105	319083	19.516	ug/l	99
74) N-amyl acetate	10.842	43	106651	18.873	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	104215	19.643	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	93949m	20.068	ug/l	
77) Bromobenzene	11.201	156	77241	18.140	ug/l	96
78) n-propylbenzene	11.305	91	366780	20.231	ug/l	98
79) 2-Chlorotoluene	11.366	91	220471	19.560	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	276861	19.949	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	27589	17.513	ug/l	88
82) 4-Chlorotoluene	11.457	91	254347	19.590	ug/l	97
83) tert-Butylbenzene	11.713	119	274634	19.379	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	275163	19.945	ug/l	99
85) sec-Butylbenzene	11.890	105	342210	20.015	ug/l	100
86) p-Isopropyltoluene	12.012	119	296204	20.082	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	150569	18.819	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	158565	18.875	ug/l	99
89) n-Butylbenzene	12.335	91	241590	19.947	ug/l	98
90) Hexachloroethane	12.542	117	46272	18.616	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	154468	19.434	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23392	19.825	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	93284	19.733	ug/l	98
94) Hexachlorobutadiene	13.725	225	39215	18.590	ug/l	94
95) Naphthalene	13.780	128	311187	19.761	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	91995	19.826	ug/l	95

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

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