

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042822\
 Data File : VX028397.D
 Acq On : 28 Apr 2022 13:26
 Operator : JC/MD
 Sample : VX0428MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2022
 Supervised By : Mahesh Dadoda 04/29/2022

Quant Time: Apr 29 04:08:24 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	326049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	520202	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	482944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	253688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203130	47.781	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.560%		
35) Dibromofluoromethane	5.385	113	179286	49.145	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.280%		
50) Toluene-d8	8.647	98	650071	46.395	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.780%		
62) 4-Bromofluorobenzene	11.079	95	242704	45.302	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	53440	25.390	ug/l	99
3) Chloromethane	1.295	50	51333	22.884	ug/l	98
4) Vinyl Chloride	1.374	62	62002	18.863	ug/l	98
5) Bromomethane	1.599	94	82975	24.092	ug/l	97
6) Chloroethane	1.685	64	42966	16.065	ug/l	98
7) Trichlorofluoromethane	1.886	101	114034	15.733	ug/l	99
8) Diethyl Ether	2.130	74	43826	18.139	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	60192	22.797	ug/l	99
10) Methyl Iodide	2.453	142	72145	23.123	ug/l	96
11) Tert butyl alcohol	2.953	59	98202	115.264	ug/l	94
12) 1,1-Dichloroethene	2.319	96	54037	21.565	ug/l	96
13) Acrolein	2.233	56	54287	104.194	ug/l	99
14) Allyl chloride	2.666	41	75743	18.014	ug/l	92
15) Acrylonitrile	3.063	53	173685	100.252	ug/l	99
16) Acetone	2.374	43	147689	112.975	ug/l	94
17) Carbon Disulfide	2.514	76	103936	15.403	ug/l	100
18) Methyl Acetate	2.703	43	75552	19.988	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	205777	19.693	ug/l	99
20) Methylene Chloride	2.788	84	66674	21.137	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	61663	18.095	ug/l	93
22) Diisopropyl ether	3.758	45	179823	18.777	ug/l #	76
23) Vinyl Acetate	3.721	43	782016	93.470	ug/l	99
24) 1,1-Dichloroethane	3.611	63	110040	19.460	ug/l	99
25) 2-Butanone	4.556	43	236326	93.863	ug/l	98
26) 2,2-Dichloropropane	4.477	77	89038	16.127	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	75502	18.581	ug/l	95
28) Bromochloromethane	4.898	49	52271	21.546	ug/l	88
29) Tetrahydrofuran	5.007	42	148532	90.475	ug/l	99
30) Chloroform	5.093	83	126792	18.671	ug/l	98
31) Cyclohexane	5.471	56	86390	16.679	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	108246	17.603	ug/l	98
36) 1,1-Dichloropropene	5.696	75	83286	17.502	ug/l	98
37) Ethyl Acetate	4.715	43	90465	18.735	ug/l	99
38) Carbon Tetrachloride	5.678	117	92066	17.138	ug/l	99
39) Methylcyclohexane	7.379	83	98414	16.391	ug/l	96
40) Benzene	6.038	78	258563	18.562	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	46313	18.591	ug/l	97
42) 1,2-Dichloroethane	6.086	62	95411	18.452	ug/l	99
43) Isopropyl Acetate	6.342	43	141365	17.989	ug/l	99
44) Trichloroethene	7.129	130	76721	18.993	ug/l	94
45) 1,2-Dichloropropane	7.434	63	64282	18.853	ug/l	100
46) Dibromomethane	7.580	93	50855	19.014	ug/l	99
47) Bromodichloromethane	7.824	83	90787	17.661	ug/l	100
48) Methyl methacrylate	7.696	41	66022	18.299	ug/l	92
49) 1,4-Dioxane	7.659	88	38580	399.714	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	475273	94.246	ug/l	97
52) Toluene	8.720	92	174558	18.038	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	92739	16.975	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	99438	16.949	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	76127	19.361	ug/l	97
56) Ethyl methacrylate	9.116	69	106184	18.630	ug/l #	91
57) 1,3-Dichloropropane	9.311	76	121284	19.111	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	256380	95.870	ug/l	94
59) 2-Hexanone	9.433	43	364018	93.187	ug/l	95
60) Dibromochloromethane	9.525	129	73503	17.147	ug/l	94
61) 1,2-Dibromoethane	9.610	107	80387	18.635	ug/l	99
64) Tetrachloroethene	9.275	164	74101	19.644	ug/l	98
65) Chlorobenzene	10.080	112	198424	19.270	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	72677	18.948	ug/l	98
67) Ethyl Benzene	10.195	91	334516	19.374	ug/l	97
68) m/p-Xylenes	10.305	106	269643	38.372	ug/l	97
69) o-Xylene	10.640	106	135451	19.333	ug/l	95
70) Styrene	10.659	104	220817	19.455	ug/l	99
71) Bromoform	10.799	173	52672	17.392	ug/l #	100
73) Isopropylbenzene	10.964	105	343756	19.714	ug/l	99
74) N-amyl acetate	10.842	43	116787	19.378	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	118762	20.989	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	102954m	20.621	ug/l	
77) Bromobenzene	11.201	156	88952	19.588	ug/l	92
78) n-propylbenzene	11.305	91	383164	19.817	ug/l	96
79) 2-Chlorotoluene	11.366	91	233527	19.427	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	288836	19.514	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	26358	15.689	ug/l #	80
82) 4-Chlorotoluene	11.457	91	267751	19.336	ug/l	97
83) tert-Butylbenzene	11.713	119	293552	19.422	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	290553	19.748	ug/l	99
85) sec-Butylbenzene	11.890	105	349826	19.185	ug/l	98
86) p-Isopropyltoluene	12.012	119	301391	19.159	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	169745	19.893	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	170983	19.084	ug/l	99
89) n-Butylbenzene	12.335	91	240084	18.587	ug/l	97
90) Hexachloroethane	12.543	117	44120	16.836	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	170523	20.117	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22470	17.856	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	101176	20.068	ug/l	99
94) Hexachlorobutadiene	13.725	225	43069	19.144	ug/l	94
95) Naphthalene	13.780	128	350394	20.863	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	100471	20.302	ug/l	96

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

