

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037037.D
 Acq On : 17 Aug 2023 04:01
 Operator : JC/MD
 Sample : VX0816MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816MBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/17/2023
 Supervised By : Mahesh Dadoda 08/17/2023

Quant Time: Aug 17 05:09:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	128644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	226785	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92964	48.839	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.680%		
35) Dibromofluoromethane	5.385	113	78381	50.283	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.560%		
50) Toluene-d8	8.647	98	252905	45.751	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.500%#		
62) 4-Bromofluorobenzene	11.079	95	107411	51.502	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	31892	18.766	ug/l	99
3) Chloromethane	1.301	50	26231	16.970	ug/l	99
4) Vinyl Chloride	1.374	62	30331	19.273	ug/l	99
5) Bromomethane	1.599	94	16611	17.680	ug/l	99
6) Chloroethane	1.685	64	18978m	24.804	ug/l	
7) Trichlorofluoromethane	1.886	101	56146	23.103	ug/l	98
8) Diethyl Ether	2.136	74	20635	21.947	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.331	101	29791	20.404	ug/l	99
10) Methyl Iodide	2.453	142	35516	23.419	ug/l	94
11) Tert butyl alcohol	2.965	59	47831	106.141	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	27898	19.367	ug/l	91
13) Acrolein	2.239	56	17848	69.399	ug/l	99
14) Allyl chloride	2.666	41	42337	14.926	ug/l #	95
15) Acrylonitrile	3.063	53	91143	100.571	ug/l	99
16) Acetone	2.380	43	81191	102.790	ug/l	92
17) Carbon Disulfide	2.514	76	62953	15.835	ug/l	99
18) Methyl Acetate	2.703	43	64250	19.336	ug/l #	89
19) Methyl tert-butyl Ether	3.117	73	116644	21.548	ug/l	94
20) Methylene Chloride	2.788	84	33994	19.352	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	32104	19.941	ug/l	88
22) Diisopropyl ether	3.764	45	98568	18.302	ug/l #	88
23) Vinyl Acetate	3.721	43	370561	89.696	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	60151	19.920	ug/l	95
25) 2-Butanone	4.556	43	124807	97.390	ug/l	91
26) 2,2-Dichloropropane	4.471	77	33776	11.871	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	38843	20.313	ug/l	89
28) Bromochloromethane	4.898	49	26687	18.274	ug/l #	81
29) Tetrahydrofuran	5.007	42	77222	93.464	ug/l #	85
30) Chloroform	5.093	83	66769	21.613	ug/l	94
31) Cyclohexane	5.471	56	44162	16.756	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	60262	21.289	ug/l	98
36) 1,1-Dichloropropene	5.690	75	45102	19.412	ug/l	98
37) Ethyl Acetate	4.715	43	48204	18.331	ug/l #	94
38) Carbon Tetrachloride	5.678	117	51260	20.752	ug/l	96
39) Methylcyclohexane	7.379	83	45649	15.801	ug/l	91
40) Benzene	6.038	78	133513	19.751	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	26246	18.661	ug/l #	91
42) 1,2-Dichloroethane	6.086	62	54499	22.051	ug/l	96
43) Isopropyl Acetate	6.342	43	79944	17.661	ug/l #	94
44) Trichloroethene	7.123	130	37236	21.074	ug/l	99
45) 1,2-Dichloropropane	7.428	63	34586	19.164	ug/l	96
46) Dibromomethane	7.580	93	26626	21.080	ug/l	95
47) Bromodichloromethane	7.824	83	53260	20.542	ug/l	97
48) Methyl methacrylate	7.690	41	37616	17.868	ug/l #	86
49) 1,4-Dioxane	7.659	88	19743	464.237	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	250136	99.853	ug/l	93
52) Toluene	8.720	92	88281	20.843	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	51067	17.427	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	54514	17.629	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	37851	21.259	ug/l	98
56) Ethyl methacrylate	9.116	69	58057	20.025	ug/l	91
57) 1,3-Dichloropropane	9.311	76	62692	21.141	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	133744	93.623	ug/l	94
59) 2-Hexanone	9.433	43	188969	101.643	ug/l	92
60) Dibromochloromethane	9.519	129	40701	20.799	ug/l	100
61) 1,2-Dibromoethane	9.610	107	40612	22.009	ug/l	99
64) Tetrachloroethene	9.275	164	33305	21.559	ug/l	98
65) Chlorobenzene	10.080	112	98009	21.468	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	37241	21.104	ug/l	99
67) Ethyl Benzene	10.195	91	173357	20.786	ug/l	99
68) m/p-Xylenes	10.299	106	132703	42.645	ug/l	99
69) o-Xylene	10.640	106	65525	21.095	ug/l	99
70) Styrene	10.659	104	108949	21.259	ug/l	98
71) Bromoform	10.799	173	27883	19.520	ug/l #	100
73) Isopropylbenzene	10.964	105	171944	20.303	ug/l	99
74) N-amyl acetate	10.842	43	67096	16.989	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	58328	20.391	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	49661m	20.632	ug/l	
77) Bromobenzene	11.195	156	41130	21.325	ug/l	94
78) n-propylbenzene	11.305	91	189746	19.373	ug/l	100
79) 2-Chlorotoluene	11.366	91	120960	20.380	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	143298	20.226	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	14004	13.187	ug/l	93
82) 4-Chlorotoluene	11.451	91	138000	20.407	ug/l	99
83) tert-Butylbenzene	11.713	119	137793	19.797	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	143566	20.262	ug/l	97
85) sec-Butylbenzene	11.890	105	162655	18.739	ug/l	99
86) p-Isopropyltoluene	12.006	119	136246	19.076	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	75365	21.098	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	75961	21.427	ug/l	99
89) n-Butylbenzene	12.329	91	111851	17.494	ug/l	99
90) Hexachloroethane	12.536	117	23275	16.074	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	74982	21.752	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12931	19.454	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	40427	19.035	ug/l	99
94) Hexachlorobutadiene	13.725	225	15826	18.012	ug/l	96
95) Naphthalene	13.774	128	155541	21.017	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	41468	19.811	ug/l	99

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

