

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037036.D
 Acq On : 17 Aug 2023 03:37
 Operator : JC/MD
 Sample : VX0816MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816MBS01

Manual Integrations
 APPROVED

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

Quant Time: Aug 17 05:09:06 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	131454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231178	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95528	49.113	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.220%		
35) Dibromofluoromethane	5.385	113	80121	50.423	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.840%		
50) Toluene-d8	8.647	98	252589	44.826	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.660%#		
62) 4-Bromofluorobenzene	11.079	95	105454	49.603	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31983	18.417	ug/l	97
3) Chloromethane	1.300	50	25718	16.283	ug/l	98
4) Vinyl Chloride	1.374	62	29383	18.272	ug/l	99
5) Bromomethane	1.599	94	16718	17.414	ug/l	99
6) Chloroethane	1.685	64	19435	24.858	ug/l	99
7) Trichlorofluoromethane	1.886	101	54915	22.113	ug/l	100
8) Diethyl Ether	2.136	74	20368	21.200	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	30245	20.272	ug/l	97
10) Methyl Iodide	2.453	142	32727	21.119	ug/l	98
11) Tert butyl alcohol	2.959	59	46413	100.793	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	28635	19.454	ug/l	90
13) Acrolein	2.239	56	15045	57.250	ug/l	100
14) Allyl chloride	2.666	41	40821	14.083	ug/l #	96
15) Acrylonitrile	3.062	53	89205	96.329	ug/l	99
16) Acetone	2.380	43	79407	98.383	ug/l	91
17) Carbon Disulfide	2.514	76	61094	15.038	ug/l	99
18) Methyl Acetate	2.703	43	63679	18.754	ug/l #	90
19) Methyl tert-butyl Ether	3.111	73	116112	20.991	ug/l	96
20) Methylene Chloride	2.788	84	33845	18.855	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	31671	19.252	ug/l	87
22) Diisopropyl ether	3.763	45	98969	17.983	ug/l #	87
23) Vinyl Acetate	3.721	43	368941	87.395	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	59866	19.402	ug/l	98
25) 2-Butanone	4.556	43	121891	93.081	ug/l #	90
26) 2,2-Dichloropropane	4.477	77	34027	11.703	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	38285	19.593	ug/l	89
28) Bromochloromethane	4.897	49	27618	18.507	ug/l #	82
29) Tetrahydrofuran	5.007	42	76412	90.507	ug/l #	84
30) Chloroform	5.092	83	67449	21.366	ug/l	95
31) Cyclohexane	5.470	56	45408	16.861	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	60165	20.800	ug/l	96
36) 1,1-Dichloropropene	5.696	75	45183	19.078	ug/l	98
37) Ethyl Acetate	4.714	43	47112	17.575	ug/l #	95
38) Carbon Tetrachloride	5.672	117	50043	19.875	ug/l	97
39) Methylcyclohexane	7.379	83	46106	15.656	ug/l	93
40) Benzene	6.037	78	132719	19.261	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	25646	17.888	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	53624	21.285	ug/l	95
43) Isopropyl Acetate	6.342	43	79332	17.192	ug/l #	94
44) Trichloroethene	7.129	130	36917	20.496	ug/l	95
45) 1,2-Dichloropropane	7.433	63	34302	18.645	ug/l	99
46) Dibromomethane	7.580	93	26263	20.397	ug/l	94
47) Bromodichloromethane	7.824	83	51820	19.607	ug/l	97
48) Methyl methacrylate	7.690	41	37777	17.604	ug/l #	88
49) 1,4-Dioxane	7.659	88	19119	441.021	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	244023	95.562	ug/l	93
52) Toluene	8.720	92	87490	20.264	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	49782	16.665	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	53692	17.034	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	37759	20.805	ug/l	97
56) Ethyl methacrylate	9.116	69	57280	19.382	ug/l	90
57) 1,3-Dichloropropane	9.305	76	61867	20.466	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	133347	91.572	ug/l	94
59) 2-Hexanone	9.427	43	183138	96.634	ug/l	92
60) Dibromochloromethane	9.518	129	39979	20.041	ug/l	99
61) 1,2-Dibromoethane	9.610	107	39356	20.923	ug/l	99
64) Tetrachloroethene	9.275	164	32965	21.075	ug/l	96
65) Chlorobenzene	10.079	112	94359	20.413	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	36146	20.231	ug/l	98
67) Ethyl Benzene	10.195	91	166751	19.746	ug/l	99
68) m/p-Xylenes	10.299	106	126541	40.162	ug/l	100
69) o-Xylene	10.640	106	63062	20.051	ug/l	100
70) Styrene	10.652	104	103190	19.887	ug/l	98
71) Bromoform	10.799	173	26767	18.507	ug/l #	100
73) Isopropylbenzene	10.963	105	163089	19.124	ug/l	100
74) N-amyl acetate	10.841	43	64465	16.211	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	55457	19.254	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	47086m	19.427	ug/l	
77) Bromobenzene	11.195	156	38839	19.999	ug/l	94
78) n-propylbenzene	11.305	91	180618	18.314	ug/l	100
79) 2-Chlorotoluene	11.366	91	114452	19.151	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	137019	19.206	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13032	12.187	ug/l	92
82) 4-Chlorotoluene	11.451	91	132560	19.467	ug/l	100
83) tert-Butylbenzene	11.713	119	130724	18.652	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	137132	19.220	ug/l	99
85) sec-Butylbenzene	11.890	105	154426	17.668	ug/l	99
86) p-Isopropyltoluene	12.006	119	129050	17.944	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	70735	19.665	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	72164	20.216	ug/l	99
89) n-Butylbenzene	12.329	91	101464	15.760	ug/l	99
90) Hexachloroethane	12.536	117	22221	15.241	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	70832	20.407	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12198	18.225	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	38669	18.082	ug/l	97
94) Hexachlorobutadiene	13.725	225	15116	17.086	ug/l	95
95) Naphthalene	13.774	128	149476	20.058	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	39614	18.795	ug/l	99

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

