

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037381.D
 Acq On : 30 Aug 2023 12:02
 Operator : JC/MD
 Sample : VX0830MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/31/2023
 Supervised By : Mahesh Dadoda 09/01/2023

Quant Time: Aug 31 02:20:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	129794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233492	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	102323	54.683	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.360%			
35) Dibromofluoromethane	5.385	113	86794	56.128	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.260%			
50) Toluene-d8	8.647	98	301058	53.672	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.340%			
62) 4-Bromofluorobenzene	11.079	95	121968	55.331	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27714	18.382	ug/l	100
3) Chloromethane	1.301	50	29931	22.692	ug/l	100
4) Vinyl Chloride	1.374	62	29162	20.311	ug/l	97
5) Bromomethane	1.599	94	13664	19.106	ug/l	99
6) Chloroethane	1.678	64	15985	18.920	ug/l	99
7) Trichlorofluoromethane	1.880	101	42433	18.042	ug/l	100
8) Diethyl Ether	2.130	74	19354	21.270	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.325	101	24460	17.828	ug/l	98
10) Methyl Iodide	2.447	142	30221	18.123	ug/l	94
11) Tert butyl alcohol	2.965	59	43699	99.555	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	24973	18.691	ug/l	84
13) Acrolein	2.233	56	26369	78.967	ug/l	99
14) Allyl chloride	2.660	41	40536	19.601	ug/l #	91
15) Acrylonitrile	3.062	53	84878	108.338	ug/l	99
16) Acetone	2.380	43	77417	105.756	ug/l #	89
17) Carbon Disulfide	2.508	76	57214	16.835	ug/l	98
18) Methyl Acetate	2.703	43	57037	20.694	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	102551	20.238	ug/l	97
20) Methylene Chloride	2.788	84	33431	20.421	ug/l #	87
21) trans-1,2-Dichloroethene	3.087	96	28667	18.874	ug/l	88
22) Diisopropyl ether	3.763	45	86494	20.382	ug/l #	85
23) Vinyl Acetate	3.721	43	327054	100.570	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	54526	20.489	ug/l	98
25) 2-Butanone	4.556	43	114344	103.739	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	45460	19.128	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	35382	19.760	ug/l	89
28) Bromochloromethane	4.897	49	26023	21.890	ug/l #	72
29) Tetrahydrofuran	5.007	42	70892	100.853	ug/l #	81
30) Chloroform	5.093	83	60101	20.119	ug/l	99
31) Cyclohexane	5.470	56	37483	17.815	ug/l	84
32) 1,1,1-Trichloroethane	5.385	97	51043	19.067	ug/l	96
36) 1,1-Dichloropropene	5.696	75	37661	17.142	ug/l	98
37) Ethyl Acetate	4.715	43	43114	19.211	ug/l #	94
38) Carbon Tetrachloride	5.678	117	42074	17.630	ug/l	96
39) Methylcyclohexane	7.379	83	43332	18.773	ug/l	90
40) Benzene	6.037	78	125791	19.964	ug/l	99

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41) Methacrylonitrile	4.922	41	22939	19.662	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	45740	18.511	ug/l	94
43) Isopropyl Acetate	6.342	43	67734	19.011	ug/l #	91
44) Trichloroethene	7.129	130	31881	17.844	ug/l	92
45) 1,2-Dichloropropane	7.434	63	31303	20.149	ug/l	96
46) Dibromomethane	7.580	93	24189	19.764	ug/l	94
47) Bromodichloromethane	7.824	83	44927	19.165	ug/l	99
48) Methyl methacrylate	7.696	41	33644	19.363	ug/l #	85
49) 1,4-Dioxane	7.665	88	19978	426.917	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	218296	100.898	ug/l	89
52) Toluene	8.720	92	82552	19.829	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	46111	18.474	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	51256	19.002	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	34938	20.610	ug/l	99
56) Ethyl methacrylate	9.116	69	53130	20.009	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	57358	20.071	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	144230	113.187	ug/l	93
59) 2-Hexanone	9.433	43	174750	105.933	ug/l	88
60) Dibromochloromethane	9.519	129	35646	19.750	ug/l	98
61) 1,2-Dibromoethane	9.610	107	36931	19.898	ug/l	100
64) Tetrachloroethene	9.275	164	24510	15.390	ug/l	98
65) Chlorobenzene	10.079	112	89210	19.334	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	33624	19.744	ug/l	98
67) Ethyl Benzene	10.195	91	153170	18.865	ug/l	99
68) m/p-Xylenes	10.299	106	120770	38.518	ug/l	97
69) o-Xylene	10.640	106	60629	19.599	ug/l	99
70) Styrene	10.652	104	98823	19.394	ug/l	97
71) Bromoform	10.799	173	25004	19.629	ug/l #	99
73) Isopropylbenzene	10.963	105	154042	19.235	ug/l	99
74) N-amyl acetate	10.841	43	58716	18.869	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	57266	21.233	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	45826m	19.530	ug/l	
77) Bromobenzene	11.195	156	37681	19.266	ug/l	91
78) n-propylbenzene	11.305	91	168366	18.881	ug/l	99
79) 2-Chlorotoluene	11.366	91	109733	19.256	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	132412	19.821	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	15023	17.882	ug/l	90
82) 4-Chlorotoluene	11.457	91	123476	18.771	ug/l	98
83) tert-Butylbenzene	11.713	119	135082	21.203	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	133746	19.810	ug/l	98
85) sec-Butylbenzene	11.890	105	153985	20.692	ug/l	100
86) p-Isopropyltoluene	12.006	119	131281	20.493	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	69915	19.093	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	71044	18.779	ug/l	100
89) n-Butylbenzene	12.335	91	102412	19.282	ug/l	99
90) Hexachloroethane	12.536	117	22021	20.595	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	73388	20.467	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12696	20.260	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	41573	19.815	ug/l	98
94) Hexachlorobutadiene	13.725	225	17365	21.425	ug/l	97
95) Naphthalene	13.774	128	157167	17.101	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	42870	20.567	ug/l	99

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

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