

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030323\
 Data File : VX034311.D
 Acq On : 03 Mar 2023 10:37
 Operator : JC/MD
 Sample : VX0303MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0303MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/03/2023
 Supervised By : Mahesh Dadoda 03/06/2023

Quant Time: Mar 03 15:07:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	264280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	435624	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	390213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170854	48.003	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.000%		
35) Dibromofluoromethane	5.385	113	145141	51.172	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.340%		
50) Toluene-d8	8.647	98	538109	52.842	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	105.680%		
62) 4-Bromofluorobenzene	11.079	95	203588	52.266	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45765	20.040	ug/l	98
3) Chloromethane	1.301	50	64877	19.742	ug/l	100
4) Vinyl Chloride	1.374	62	66600	22.253	ug/l	99
5) Bromomethane	1.605	94	40325	33.353	ug/l	94
6) Chloroethane	1.685	64	38866	25.831	ug/l	100
7) Trichlorofluoromethane	1.886	101	99685	24.619	ug/l	100
8) Diethyl Ether	2.136	74	36441	22.339	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	53045	18.602	ug/l	94
10) Methyl Iodide	2.453	142	62538	18.012	ug/l	94
11) Tert butyl alcohol	2.953	59	66849	83.974	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	52256	18.281	ug/l	97
13) Acrolein	2.233	56	35688	98.209	ug/l	100
14) Allyl chloride	2.666	41	101255	16.699	ug/l	90
15) Acrylonitrile	3.062	53	156621	90.186	ug/l	99
16) Acetone	2.380	43	161588	88.010	ug/l	92
17) Carbon Disulfide	2.514	76	143593	17.472	ug/l	98
18) Methyl Acetate	2.703	43	102781	18.092	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	185565	18.393	ug/l	100
20) Methylene Chloride	2.788	84	61022	18.446	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	56422	18.837	ug/l	96
22) Diisopropyl ether	3.757	45	203861	19.178	ug/l	93
23) Vinyl Acetate	3.721	43	790347	92.799	ug/l	99
24) 1,1-Dichloroethane	3.611	63	104141	17.845	ug/l	99
25) 2-Butanone	4.550	43	236707	89.103	ug/l	99
26) 2,2-Dichloropropane	4.477	77	92626	17.521	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	66883	18.857	ug/l	96
28) Bromochloromethane	4.897	49	55027	21.137	ug/l	89
29) Tetrahydrofuran	5.001	42	147112	90.775	ug/l	100
30) Chloroform	5.093	83	106095	18.933	ug/l	100
31) Cyclohexane	5.471	56	98644	18.563	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	93416	18.596	ug/l	99
36) 1,1-Dichloropropene	5.690	75	79594	18.975	ug/l	100
37) Ethyl Acetate	4.708	43	88354	18.847	ug/l	99
38) Carbon Tetrachloride	5.678	117	80353	18.616	ug/l	98
39) Methylcyclohexane	7.379	83	100374	18.594	ug/l	98
40) Benzene	6.037	78	241135	19.398	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	48032	18.390	ug/l	98
42) 1,2-Dichloroethane	6.092	62	83386	19.073	ug/l	98
43) Isopropyl Acetate	6.336	43	149902	18.120	ug/l	99
44) Trichloroethene	7.123	130	63310	19.846	ug/l	94
45) 1,2-Dichloropropane	7.427	63	63530	19.198	ug/l	100
46) Dibromomethane	7.580	93	41636	19.118	ug/l	91
47) Bromodichloromethane	7.824	83	83202	18.616	ug/l	96
48) Methyl methacrylate	7.690	41	71313	18.162	ug/l	97
49) 1,4-Dioxane	7.659	88	31169	397.981	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	458249	100.682	ug/l	99
52) Toluene	8.720	92	152702	20.273	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	93176	18.112	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	102072	18.533	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	60768	19.988	ug/l	95
56) Ethyl methacrylate	9.116	69	97909	19.037	ug/l	96
57) 1,3-Dichloropropane	9.305	76	106407	20.116	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	227171	101.963	ug/l	96
59) 2-Hexanone	9.427	43	350827	101.142	ug/l	98
60) Dibromochloromethane	9.519	129	65378	19.462	ug/l	97
61) 1,2-Dibromoethane	9.610	107	62938	19.574	ug/l	98
64) Tetrachloroethene	9.275	164	54159	19.665	ug/l	94
65) Chlorobenzene	10.079	112	162252	19.947	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	61730	19.604	ug/l	98
67) Ethyl Benzene	10.195	91	293045	20.054	ug/l	97
68) m/p-Xylenes	10.299	106	225288	40.286	ug/l	95
69) o-Xylene	10.640	106	112478	20.203	ug/l	98
70) Styrene	10.653	104	181516	20.047	ug/l	97
71) Bromoform	10.799	173	46178	17.966	ug/l #	99
73) Isopropylbenzene	10.963	105	287887	19.355	ug/l	99
74) N-amyl acetate	10.842	43	133764	17.901	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	94150	18.507	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	77389m	15.759	ug/l	
77) Bromobenzene	11.195	156	70634	19.734	ug/l	88
78) n-propylbenzene	11.305	91	332333	19.212	ug/l	97
79) 2-Chlorotoluene	11.366	91	198513	18.715	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	242370	19.382	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	30616	16.016	ug/l	95
82) 4-Chlorotoluene	11.451	91	228918	18.948	ug/l	97
83) tert-Butylbenzene	11.713	119	240489	18.777	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	241333	19.087	ug/l	97
85) sec-Butylbenzene	11.890	105	301217	19.367	ug/l	97
86) p-Isopropyltoluene	12.006	119	250211	19.439	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	129594	19.306	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	131513	19.424	ug/l	97
89) n-Butylbenzene	12.329	91	213377	18.612	ug/l	98
90) Hexachloroethane	12.536	117	46065	17.117	ug/l	82
91) 1,2-Dichlorobenzene	12.335	146	127656	19.436	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18944	15.616	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	77039	18.270	ug/l	98
94) Hexachlorobutadiene	13.725	225	31438	17.985	ug/l	98
95) Naphthalene	13.774	128	257077	18.098	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	77623	18.542	ug/l	98

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

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