

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034740.D
 Acq On : 27 Mar 2023 10:40
 Operator : JC/MD
 Sample : VX0327MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327MBS01

Quant Time: Mar 27 16:07:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/27/2023
 Supervised By : Semsettin Yesilyurt 03/28/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	321981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	534880	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	476830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	233374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	252663	53.940	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.880%			
35) Dibromofluoromethane	5.385	113	191796	54.310	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.620%			
50) Toluene-d8	8.647	98	678481	51.465	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.920%			
62) 4-Bromofluorobenzene	11.079	95	273983	51.451	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	79686	26.547	ug/l	98
3) Chloromethane	1.295	50	89698	18.911	ug/l	100
4) Vinyl Chloride	1.374	62	87674	21.451	ug/l	99
5) Bromomethane	1.618	94	53863	26.119	ug/l	94
6) Chloroethane	1.691	64	51670	21.957	ug/l	98
7) Trichlorofluoromethane	1.892	101	127567	20.772	ug/l	98
8) Diethyl Ether	2.130	74	49971	22.290	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	76475	21.367	ug/l	100
10) Methyl Iodide	2.453	142	93101	19.813	ug/l	93
11) Tert butyl alcohol	2.983	59	84078	86.195	ug/l	99
12) 1,1-Dichloroethene	2.319	96	71763	20.359	ug/l	93
13) Acrolein	2.240	56	65636	85.057	ug/l	100
14) Allyl chloride	2.666	41	139169	19.475	ug/l	97
15) Acrylonitrile	3.063	53	212010	100.615	ug/l	98
16) Acetone	2.386	43	193521	87.706	ug/l	96
17) Carbon Disulfide	2.514	76	168837	17.021	ug/l	100
18) Methyl Acetate	2.703	43	158617	22.001	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	270272	21.415	ug/l	96
20) Methylene Chloride	2.788	84	83833	19.576	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	77223	20.629	ug/l	96
22) Diisopropyl ether	3.758	45	283928	20.839	ug/l	97
23) Vinyl Acetate	3.721	43	1046225	100.896	ug/l	98
24) 1,1-Dichloroethane	3.611	63	152497	20.821	ug/l	100
25) 2-Butanone	4.556	43	306279	97.011	ug/l	97
26) 2,2-Dichloropropane	4.477	77	134835	21.179	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	92293	20.481	ug/l	99
28) Bromochloromethane	4.891	49	74670	21.927	ug/l	98
29) Tetrahydrofuran	5.007	42	195653	100.430	ug/l	100
30) Chloroform	5.093	83	157131	21.887	ug/l	98
31) Cyclohexane	5.471	56	133117	20.263	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	138717	21.826	ug/l	98
36) 1,1-Dichloropropene	5.696	75	114759	21.157	ug/l	99
37) Ethyl Acetate	4.709	43	123464	20.835	ug/l	100
38) Carbon Tetrachloride	5.678	117	117838	21.838	ug/l	98
39) Methylcyclohexane	7.379	83	133136	20.510	ug/l	96
40) Benzene	6.038	78	327063	20.612	ug/l	100

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41) Methacrylonitrile	4.916	41	68364	21.051	ug/l	99
42) 1,2-Dichloroethane	6.086	62	131843	22.608	ug/l	100
43) Isopropyl Acetate	6.336	43	206900	20.610	ug/l	99
44) Trichloroethene	7.123	130	85693	20.785	ug/l	100
45) 1,2-Dichloropropane	7.428	63	86103	20.782	ug/l	99
46) Dibromomethane	7.580	93	59055	20.966	ug/l	97
47) Bromodichloromethane	7.824	83	115783	21.239	ug/l	96
48) Methyl methacrylate	7.690	41	102154	21.158	ug/l	98
49) 1,4-Dioxane	7.690	88	38185	376.548	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	609757	104.706	ug/l	100
52) Toluene	8.720	92	210293	21.406	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	127397	20.743	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	137033	20.623	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	82939	21.273	ug/l	99
56) Ethyl methacrylate	9.116	69	133606	20.872	ug/l	99
57) 1,3-Dichloropropane	9.305	76	146988	21.213	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	312292	94.663	ug/l	98
59) 2-Hexanone	9.427	43	459842	102.149	ug/l	99
60) Dibromochloromethane	9.519	129	83523	20.426	ug/l	100
61) 1,2-Dibromoethane	9.610	107	87967	20.909	ug/l	100
64) Tetrachloroethene	9.275	164	73847	23.055	ug/l	96
65) Chlorobenzene	10.080	112	224686	21.476	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	81138	21.294	ug/l	99
67) Ethyl Benzene	10.195	91	401788	21.452	ug/l	98
68) m/p-Xylenes	10.299	106	308859	42.928	ug/l	99
69) o-Xylene	10.640	106	154085	21.341	ug/l	100
70) Styrene	10.653	104	250124	21.472	ug/l	100
71) Bromoform	10.799	173	56181	19.154	ug/l #	99
73) Isopropylbenzene	10.964	105	398284	22.082	ug/l	99
74) N-amyl acetate	10.842	43	175077	20.266	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	125211	20.803	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	106870m	19.944	ug/l	
77) Bromobenzene	11.195	156	92964	21.482	ug/l	99
78) n-propylbenzene	11.305	91	457245	21.951	ug/l	99
79) 2-Chlorotoluene	11.366	91	281162	21.855	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	336515	22.243	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	34646	17.491	ug/l	91
82) 4-Chlorotoluene	11.451	91	323071	21.802	ug/l	100
83) tert-Butylbenzene	11.713	119	328086	21.509	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	336503	21.764	ug/l	99
85) sec-Butylbenzene	11.890	105	394097	21.133	ug/l	99
86) p-Isopropyltoluene	12.006	119	339002	21.630	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	174476	20.577	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	178847	20.860	ug/l	100
89) n-Butylbenzene	12.329	91	281846	20.229	ug/l	99
90) Hexachloroethane	12.536	117	53649	18.499	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	174047	21.240	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	28506	20.846	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	105701	20.628	ug/l	98
94) Hexachlorobutadiene	13.725	225	43644	21.142	ug/l	99
95) Naphthalene	13.774	128	366752	21.344	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	106364	21.235	ug/l	99

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

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