

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021723\
 Data File : VX034154.D
 Acq On : 17 Feb 2023 13:24
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX021723

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2023
 Supervised By : Mahesh Dadoda 02/21/2023

Quant Time: Feb 17 13:49:15 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	5.544	168	413925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	691295	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	593341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	283986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	278624	49.981	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.960%		
35) Dibromofluoromethane	5.379	113	220828	49.062	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.120%		
50) Toluene-d8	8.647	98	803241	49.705	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.420%		
62) 4-Bromofluorobenzene	11.079	95	306006	49.505	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	191151	53.443	ug/l	99
3) Chloromethane	1.295	50	263142	51.124	ug/l	98
4) Vinyl Chloride	1.374	62	241645	51.550	ug/l	98
5) Bromomethane	1.599	94	74676	40.817	ug/l	95
6) Chloroethane	1.666	64	104483	44.337	ug/l	100
7) Trichlorofluoromethane	1.874	101	320319	50.509	ug/l	99
8) Diethyl Ether	2.130	74	124941	48.902	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	229201	51.319	ug/l	94
10) Methyl Iodide	2.447	142	268226	49.326	ug/l	94
11) Tert butyl alcohol	2.965	59	309936	248.579	ug/l #	82
12) 1,1-Dichloroethene	2.313	96	225109	50.281	ug/l	97
13) Acrolein	2.233	56	128941	226.549	ug/l	97
14) Allyl chloride	2.660	41	479526	50.493	ug/l	89
15) Acrylonitrile	3.063	53	710649	261.269	ug/l	99
16) Acetone	2.380	43	659946	229.495	ug/l	93
17) Carbon Disulfide	2.508	76	647184	50.279	ug/l	99
18) Methyl Acetate	2.697	43	480691	54.022	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	825397	52.236	ug/l	98
20) Methylene Chloride	2.782	84	256205	49.447	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	238292	50.794	ug/l	94
22) Diisopropyl ether	3.758	45	844703	50.735	ug/l	89
23) Vinyl Acetate	3.715	43	3406828	255.398	ug/l	100
24) 1,1-Dichloroethane	3.605	63	462663	50.618	ug/l	98
25) 2-Butanone	4.550	43	1024262	246.169	ug/l	99
26) 2,2-Dichloropropane	4.471	77	409880	49.502	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	281482	50.669	ug/l	93
28) Bromochloromethane	4.891	49	201897	49.516	ug/l	86
29) Tetrahydrofuran	4.995	42	650478	256.268	ug/l	99
30) Chloroform	5.093	83	446774	50.904	ug/l	99
31) Cyclohexane	5.465	56	426318	51.222	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	399734	50.807	ug/l	99
36) 1,1-Dichloropropene	5.690	75	341165	51.252	ug/l	97
37) Ethyl Acetate	4.709	43	394781	53.067	ug/l	99
38) Carbon Tetrachloride	5.672	117	347154	50.682	ug/l	99
39) Methylcyclohexane	7.379	83	446000	52.065	ug/l	98
40) Benzene	6.032	78	993317	50.355	ug/l	99

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41) Methacrylonitrile	4.916	41	216869	52.322	ug/l	98
42) 1,2-Dichloroethane	6.086	62	358728	51.706	ug/l	99
43) Isopropyl Acetate	6.336	43	677189	51.584	ug/l	99
44) Trichloroethene	7.123	130	257621	50.891	ug/l	93
45) 1,2-Dichloropropane	7.428	63	267751	50.987	ug/l	99
46) Dibromomethane	7.574	93	176940	51.198	ug/l #	86
47) Bromodichloromethane	7.818	83	359685	50.713	ug/l	99
48) Methyl methacrylate	7.690	41	324339	52.053	ug/l	98
49) 1,4-Dioxane	7.665	88	119380	960.549	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	1865888	258.337	ug/l	100
52) Toluene	8.714	92	602719	50.425	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	421788	51.665	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	452793	51.808	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	249096	51.630	ug/l	99
56) Ethyl methacrylate	9.116	69	422929	51.819	ug/l	98
57) 1,3-Dichloropropane	9.305	76	434955	51.816	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	968252	273.860	ug/l	95
59) 2-Hexanone	9.433	43	1412189	256.554	ug/l	99
60) Dibromochloromethane	9.519	129	271869	50.998	ug/l	100
61) 1,2-Dibromoethane	9.610	107	260082	50.971	ug/l	99
64) Tetrachloroethene	9.275	164	210208	50.197	ug/l	95
65) Chlorobenzene	10.080	112	624037	50.455	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	242735	50.696	ug/l	98
67) Ethyl Benzene	10.195	91	1134810	51.072	ug/l	100
68) m/p-Xylenes	10.299	106	865029	101.728	ug/l	97
69) o-Xylene	10.640	106	427842	50.540	ug/l	95
70) Styrene	10.653	104	708031	51.426	ug/l	96
71) Bromoform	10.799	173	199627	51.078	ug/l	100
73) Isopropylbenzene	10.964	105	1094357	50.563	ug/l	100
74) N-amyl acetate	10.842	43	553935	50.944	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	375044	50.664	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	309986m	35.290	ug/l	
77) Bromobenzene	11.195	156	262783	50.453	ug/l	83
78) n-propylbenzene	11.305	91	1289266	51.219	ug/l	98
79) 2-Chlorotoluene	11.366	91	771564	49.989	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	914583	50.261	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	141495	50.867	ug/l	92
82) 4-Chlorotoluene	11.457	91	884845	50.333	ug/l	95
83) tert-Butylbenzene	11.713	119	947347	50.833	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	928223	50.450	ug/l	98
85) sec-Butylbenzene	11.890	105	1160738	51.288	ug/l	98
86) p-Isopropyltoluene	12.006	119	965843	51.566	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	495856	50.763	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	499733	51.212	ug/l	96
89) n-Butylbenzene	12.335	91	865634	51.890	ug/l	98
90) Hexachloroethane	12.536	117	198842	50.775	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	485993	50.851	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	92742	52.537	ug/l	75
93) 1,2,4-Trichlorobenzene	13.591	180	324366	52.864	ug/l	98
94) Hexachlorobutadiene	13.725	225	131954	51.876	ug/l	99
95) Naphthalene	13.774	128	1090012	52.735	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	319354	52.426	ug/l	98

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

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