

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030822\
 Data File : VX027335.D
 Acq On : 08 Mar 2022 16:16
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030822

Quant Time: Mar 09 00:15:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/09/2022
 Supervised By : Mahesh Dadoda 03/09/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	372913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	593635	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	549241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	275887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	183440	42.182	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.360%		
35) Dibromofluoromethane	5.391	113	163228	42.613	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	85.220%		
50) Toluene-d8	8.653	98	615128	42.537	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	85.080%		
62) 4-Bromofluorobenzene	11.085	95	235068	42.650	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	85.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	179417	46.936	ug/l	100
3) Chloromethane	1.294	50	170856	42.506	ug/l	99
4) Vinyl Chloride	1.374	62	184195	44.586	ug/l	98
5) Bromomethane	1.599	94	82395	49.234	ug/l	99
6) Chloroethane	1.679	64	103268	42.550	ug/l	98
7) Trichlorofluoromethane	1.886	101	255834	44.469	ug/l	100
8) Diethyl Ether	2.136	74	99982	44.601	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	165677	44.049	ug/l	95
10) Methyl Iodide	2.453	142	250616	47.206	ug/l	99
11) Tert butyl alcohol	2.971	59	193566	227.050	ug/l	100
12) 1,1-Dichloroethene	2.319	96	163480	45.212	ug/l	95
13) Acrolein	2.239	56	138930	232.484	ug/l	97
14) Allyl chloride	2.666	41	253863	44.760	ug/l	96
15) Acrylonitrile	3.069	53	498202	222.052	ug/l	100
16) Acetone	2.380	43	432093	256.448	ug/l	97
17) Carbon Disulfide	2.508	76	417522	42.501	ug/l	100
18) Methyl Acetate	2.703	43	210456	44.024	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	543631	45.378	ug/l	100
20) Methylene Chloride	2.788	84	183065	43.090	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	174455	43.408	ug/l	99
22) Diisopropyl ether	3.764	45	514611	45.387	ug/l #	89
23) Vinyl Acetate	3.727	43	2207870	232.771	ug/l	97
24) 1,1-Dichloroethane	3.611	63	304441	44.221	ug/l	99
25) 2-Butanone	4.562	43	682001	227.676	ug/l	100
26) 2,2-Dichloropropane	4.483	77	226134	45.811	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	205456	44.062	ug/l	95
28) Bromochloromethane	4.904	49	116732	40.751	ug/l	96
29) Tetrahydrofuran	5.007	42	442606	223.309	ug/l	94
30) Chloroform	5.099	83	319180	43.925	ug/l	97
31) Cyclohexane	5.477	56	276905	45.522	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	279680	45.033	ug/l	98
36) 1,1-Dichloropropene	5.696	75	241294	45.371	ug/l	98
37) Ethyl Acetate	4.721	43	253064	45.142	ug/l	99
38) Carbon Tetrachloride	5.684	117	248802	45.242	ug/l	97
39) Methylcyclohexane	7.385	83	308120	45.880	ug/l	98
40) Benzene	6.044	78	716456	44.231	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	139152	46.038	ug/l	95
42) 1,2-Dichloroethane	6.092	62	242623	45.852	ug/l	99
43) Isopropyl Acetate	6.342	43	387699	45.877	ug/l	98
44) Trichloroethene	7.129	130	199621	44.869	ug/l	99
45) 1,2-Dichloropropane	7.434	63	182672	45.007	ug/l	97
46) Dibromomethane	7.586	93	130690	45.259	ug/l	99
47) Bromodichloromethane	7.824	83	244244	45.801	ug/l	98
48) Methyl methacrylate	7.696	41	195172	46.443	ug/l	92
49) 1,4-Dioxane	7.659	88	97785	888.586	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1311114	231.734	ug/l	97
52) Toluene	8.720	92	473187	45.823	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	260930	47.688	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	290788	47.345	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	194203	45.064	ug/l	98
56) Ethyl methacrylate	9.116	69	301302	47.400	ug/l	94
57) 1,3-Dichloropropane	9.311	76	313455	45.057	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	762020	237.436	ug/l	100
59) 2-Hexanone	9.433	43	1034463	236.695	ug/l	95
60) Dibromochloromethane	9.525	129	203958	46.372	ug/l	96
61) 1,2-Dibromoethane	9.610	107	207082	46.532	ug/l	99
64) Tetrachloroethene	9.275	164	168117	43.678	ug/l	94
65) Chlorobenzene	10.079	112	517158	44.755	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	187071	46.305	ug/l	99
67) Ethyl Benzene	10.195	91	911095	45.721	ug/l	99
68) m/p-Xylenes	10.305	106	721138	92.259	ug/l	99
69) o-Xylene	10.640	106	356556	46.203	ug/l	100
70) Styrene	10.659	104	594346	46.398	ug/l	99
71) Bromoform	10.799	173	152079	46.094	ug/l #	100
73) Isopropylbenzene	10.963	105	926309	45.909	ug/l	100
74) N-amyl acetate	10.842	43	347843	47.168	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	304039	43.849	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	277987m	45.925	ug/l	
77) Bromobenzene	11.201	156	229742	45.122	ug/l	97
78) n-propylbenzene	11.305	91	1059833	46.696	ug/l	99
79) 2-Chlorotoluene	11.366	91	638494	45.012	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	788026	45.554	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	89122	47.617	ug/l	94
82) 4-Chlorotoluene	11.457	91	730596	45.529	ug/l	98
83) tert-Butylbenzene	11.719	119	797408	46.116	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	790600	46.081	ug/l	100
85) sec-Butylbenzene	11.890	105	971261	46.572	ug/l	99
86) p-Isopropyltoluene	12.012	119	825453	46.751	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	427502	44.691	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	431603	44.564	ug/l	98
89) n-Butylbenzene	12.335	91	700714	47.379	ug/l	98
90) Hexachloroethane	12.542	117	125880	45.742	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	416585	44.170	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	64968	44.721	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	278521	44.989	ug/l	99
94) Hexachlorobutadiene	13.725	225	125315	46.163	ug/l	93
95) Naphthalene	13.780	128	964089	46.387	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	276773	44.737	ug/l	96

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

