

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026809.D
 Acq On : 08 Feb 2022 03:02
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX020822

Quant Time: Feb 08 07:18:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/08/2022
 Supervised By : Mahesh Dadoda 02/09/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	109456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178349	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66865	50.890	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.780%			
35) Dibromofluoromethane	5.391	113	54113	50.927	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.860%			
50) Toluene-d8	8.653	98	204212	52.357	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.720%			
62) 4-Bromofluorobenzene	11.079	95	71385	51.985	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.960%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	58053	48.777	ug/l	99
3) Chloromethane	1.295	50	54171	48.926	ug/l	100
4) Vinyl Chloride	1.380	62	56509	48.755	ug/l	97
5) Bromomethane	1.618	94	25467	51.781	ug/l	96
6) Chloroethane	1.691	64	31661	50.064	ug/l	97
7) Trichlorofluoromethane	1.892	101	79799	46.786	ug/l	99
8) Diethyl Ether	2.136	74	29371	46.486	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	52477	46.938	ug/l	98
10) Methyl Iodide	2.459	142	65987	42.890	ug/l	96
11) Tert butyl alcohol	3.014	59	55771	234.962	ug/l #	75
12) 1,1-Dichloroethene	2.325	96	51434	45.915	ug/l	93
13) Acrolein	2.240	56	60995	278.067	ug/l	99
14) Allyl chloride	2.666	41	93891	47.319	ug/l	96
15) Acrylonitrile	3.069	53	164171	241.360	ug/l	99
16) Acetone	2.386	43	133257	230.917	ug/l	96
17) Carbon Disulfide	2.514	76	148556	46.847	ug/l	99
18) Methyl Acetate	2.709	43	75492	45.467	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	185316	46.738	ug/l	99
20) Methylene Chloride	2.794	84	57385	45.893	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	56242	47.713	ug/l	95
22) Diisopropyl ether	3.764	45	187922	47.041	ug/l	100
23) Vinyl Acetate	3.727	43	821228	244.504	ug/l	98
24) 1,1-Dichloroethane	3.617	63	102680	47.500	ug/l	99
25) 2-Butanone	4.562	43	226705	243.830	ug/l	100
26) 2,2-Dichloropropane	4.483	77	70134	48.019	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	65729	48.565	ug/l	95
28) Bromochloromethane	4.904	49	43944	49.040	ug/l	95
29) Tetrahydrofuran	5.007	42	152421	241.139	ug/l	98
30) Chloroform	5.099	83	105567	47.003	ug/l	99
31) Cyclohexane	5.477	56	97830	46.860	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	93524	47.230	ug/l	99
36) 1,1-Dichloropropene	5.696	75	79336	47.329	ug/l	98
37) Ethyl Acetate	4.721	43	91049	47.794	ug/l	98
38) Carbon Tetrachloride	5.684	117	83096	47.272	ug/l	99
39) Methylcyclohexane	7.385	83	97935	47.641	ug/l	97
40) Benzene	6.044	78	231131	47.310	ug/l	100

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41) Methacrylonitrile	4.922	41	49830	48.262	ug/l	96
42) 1,2-Dichloroethane	6.092	62	82359	47.840	ug/l	97
43) Isopropyl Acetate	6.342	43	143929	49.104	ug/l	98
44) Trichloroethene	7.129	130	70282	47.912	ug/l	93
45) 1,2-Dichloropropane	7.434	63	58707	47.495	ug/l	98
46) Dibromomethane	7.586	93	41529	48.555	ug/l	97
47) Bromodichloromethane	7.824	83	81054	49.486	ug/l	100
48) Methyl methacrylate	7.696	41	70199	48.336	ug/l	97
49) 1,4-Dioxane	7.684	88	24326	972.012	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	426145	239.920	ug/l	97
52) Toluene	8.720	92	146563	47.384	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	83916	47.399	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	94223	52.096	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	58472	49.935	ug/l	99
56) Ethyl methacrylate	9.116	69	92750	49.969	ug/l	96
57) 1,3-Dichloropropane	9.311	76	98137	48.805	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	234738	246.389	ug/l	97
59) 2-Hexanone	9.433	43	314701	242.231	ug/l	97
60) Dibromochloromethane	9.525	129	61611	51.136	ug/l	100
61) 1,2-Dibromoethane	9.610	107	61683	49.857	ug/l	99
64) Tetrachloroethene	9.275	164	74065	48.200	ug/l	95
65) Chlorobenzene	10.080	112	151602	47.913	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	57749	49.615	ug/l	99
67) Ethyl Benzene	10.195	91	275995	49.284	ug/l	99
68) m/p-Xylenes	10.305	106	210309	97.609	ug/l	97
69) o-Xylene	10.647	106	100886	47.785	ug/l	97
70) Styrene	10.659	104	167635	48.957	ug/l	98
71) Bromoform	10.799	173	40739	45.372	ug/l #	100
73) Isopropylbenzene	10.964	105	266081	50.167	ug/l	98
74) N-amyl acetate	10.848	43	107588	50.767	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	69920	48.578	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	73335m	49.752	ug/l	
77) Bromobenzene	11.201	156	62621	49.670	ug/l	94
78) n-propylbenzene	11.305	91	298920	50.837	ug/l	99
79) 2-Chlorotoluene	11.366	91	177260	48.791	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	216796	49.664	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	21735	46.369	ug/l	92
82) 4-Chlorotoluene	11.457	91	200870	49.285	ug/l	97
83) tert-Butylbenzene	11.713	119	204098	49.056	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	216758	49.229	ug/l	98
85) sec-Butylbenzene	11.890	105	261462	49.577	ug/l	99
86) p-Isopropyltoluene	12.012	119	223040	49.921	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	113339	49.061	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	112095	48.114	ug/l	98
89) n-Butylbenzene	12.335	91	183457	50.187	ug/l	99
90) Hexachloroethane	12.543	117	34085	52.784	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	110064	49.376	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18174	51.345	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	69379	49.318	ug/l	97
94) Hexachlorobutadiene	13.725	225	29195	49.064	ug/l	98
95) Naphthalene	13.780	128	253463	51.437	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	71035	49.868	ug/l	99

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

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