

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030722\
 Data File : VX027326.D
 Acq On : 07 Mar 2022 17:17
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030722

Quant Time: Mar 08 07:34:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 07 14:49:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/08/2022
 Supervised By : Mahesh Dadoda 03/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	69964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	108190	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	41632	50.146	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.300%			
35) Dibromofluoromethane	5.391	113	34356	48.453	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.900%			
50) Toluene-d8	8.653	98	126402	48.865	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.740%			
62) 4-Bromofluorobenzene	11.085	95	53643	52.896	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	36463	48.191	ug/l	98
3) Chloromethane	1.294	50	28100	46.165	ug/l	98
4) Vinyl Chloride	1.374	62	27430	47.664	ug/l	100
5) Bromomethane	1.599	94	14378	48.651	ug/l	98
6) Chloroethane	1.678	64	16340	45.893	ug/l	99
7) Trichlorofluoromethane	1.886	101	48892	48.734	ug/l	98
8) Diethyl Ether	2.136	74	14984	46.995	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	32310	47.900	ug/l	95
10) Methyl Iodide	2.453	142	39261	44.320	ug/l	96
11) Tert butyl alcohol	2.977	59	40436	241.988	ug/l	96
12) 1,1-Dichloroethene	2.319	96	30907	46.840	ug/l	88
13) Acrolein	2.239	56	28492	206.379	ug/l	99
14) Allyl chloride	2.666	41	52225	46.756	ug/l	95
15) Acrylonitrile	3.068	53	95287	235.812	ug/l	99
16) Acetone	2.386	43	86676	228.502	ug/l	92
17) Carbon Disulfide	2.514	76	81389	45.331	ug/l	99
18) Methyl Acetate	2.709	43	42114	47.052	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	108368	48.315	ug/l	98
20) Methylene Chloride	2.794	84	34776	44.977	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	33601	46.335	ug/l	94
22) Diisopropyl ether	3.769	45	100757	48.951	ug/l	92
23) Vinyl Acetate	3.727	43	449378	247.625	ug/l	95
24) 1,1-Dichloroethane	3.617	63	59204	46.222	ug/l	99
25) 2-Butanone	4.562	43	134591	243.758	ug/l	93
26) 2,2-Dichloropropane	4.483	77	49656	50.751	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	39280	47.293	ug/l	94
28) Bromochloromethane	4.903	49	23214	49.338	ug/l	86
29) Tetrahydrofuran	5.013	42	85854	250.343	ug/l	92
30) Chloroform	5.099	83	64052	49.193	ug/l	98
31) Cyclohexane	5.476	56	53671	46.681	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	58717	49.419	ug/l	97
36) 1,1-Dichloropropene	5.696	75	46894	46.110	ug/l	97
37) Ethyl Acetate	4.721	43	51243	55.761	ug/l	97
38) Carbon Tetrachloride	5.684	117	53121	47.111	ug/l	97
39) Methylcyclohexane	7.385	83	58482	46.930	ug/l	94
40) Benzene	6.043	78	136646	46.299	ug/l	100

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41) Methacrylonitrile	4.928	41	28289	50.787	ug/l	95
42) 1,2-Dichloroethane	6.092	62	50562	45.910	ug/l	99
43) Isopropyl Acetate	6.348	43	80620	55.838	ug/l	97
44) Trichloroethene	7.129	130	41237	47.268	ug/l	88
45) 1,2-Dichloropropane	7.433	63	33825	45.724	ug/l	97
46) Dibromomethane	7.586	93	25494	46.599	ug/l	94
47) Bromodichloromethane	7.824	83	49282	46.994	ug/l	99
48) Methyl methacrylate	7.696	41	39977	54.609	ug/l	94
49) 1,4-Dioxane	7.659	88	19622	967.161	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	259494	245.655	ug/l	95
52) Toluene	8.720	92	90651	48.138	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	52438	46.380	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	56936	50.669	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	36830	47.312	ug/l	98
56) Ethyl methacrylate	9.116	69	57894	51.141	ug/l	94
57) 1,3-Dichloropropane	9.311	76	60818	46.816	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	134309	251.219	ug/l	94
59) 2-Hexanone	9.433	43	204376	250.181	ug/l	94
60) Dibromochloromethane	9.525	129	41291	42.781	ug/l	100
61) 1,2-Dibromoethane	9.610	107	40011	46.906	ug/l	99
64) Tetrachloroethene	9.275	164	40705	47.132	ug/l	94
65) Chlorobenzene	10.079	112	102409	47.799	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	38920	49.397	ug/l	99
67) Ethyl Benzene	10.195	91	180799	48.888	ug/l	99
68) m/p-Xylenes	10.305	106	143445	98.617	ug/l	96
69) o-Xylene	10.646	106	72422	50.987	ug/l	94
70) Styrene	10.658	104	121973	52.056	ug/l	97
71) Bromoform	10.805	173	32202	53.630	ug/l #	99
73) Isopropylbenzene	10.963	105	189290	45.284	ug/l	99
74) N-amyl acetate	10.847	43	75738	51.202	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	59570	47.339	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	56998m	48.652	ug/l	
77) Bromobenzene	11.201	156	49414	45.468	ug/l	92
78) n-propylbenzene	11.305	91	228911	48.953	ug/l	98
79) 2-Chlorotoluene	11.366	91	138378	46.397	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	173289	48.305	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	17464	46.979	ug/l	88
82) 4-Chlorotoluene	11.457	91	162256	49.282	ug/l	96
83) tert-Butylbenzene	11.719	119	181726	51.288	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	178823	49.915	ug/l	97
85) sec-Butylbenzene	11.890	105	226194	52.952	ug/l	98
86) p-Isopropyltoluene	12.012	119	185464	50.167	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	94290	47.805	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	97041	47.814	ug/l	98
89) n-Butylbenzene	12.335	91	153201	50.474	ug/l	99
90) Hexachloroethane	12.542	117	29440	51.023	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	92640	47.228	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14392	49.182	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	57478	46.246	ug/l	98
94) Hexachlorobutadiene	13.725	225	25517	49.194	ug/l	99
95) Naphthalene	13.780	128	197976	48.025	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	59007	46.747	ug/l	98

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

