

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060722\
 Data File : VX029292.D
 Acq On : 07 Jun 2022 22:02
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060722

Quant Time: Jun 08 03:18:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/08/2022
 Supervised By : Mahesh Dadoda 06/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	203224	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	334186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149027	48.108	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.220%		
35) Dibromofluoromethane	5.391	113	129612	45.621	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.240%		
50) Toluene-d8	8.653	98	461985	45.978	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.960%		
62) 4-Bromofluorobenzene	11.079	95	186045	47.314	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.620%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	158035	48.987	ug/l	99
3) Chloromethane	1.288	50	158310	45.979	ug/l	99
4) Vinyl Chloride	1.374	62	172745	48.342	ug/l	97
5) Bromomethane	1.611	94	103807	54.237	ug/l	99
6) Chloroethane	1.685	64	74479	48.495	ug/l	96
7) Trichlorofluoromethane	1.886	101	252812	48.549	ug/l	98
8) Diethyl Ether	2.136	74	96831	47.708	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	150967	48.100	ug/l	98
10) Methyl Iodide	2.453	142	157676	40.939	ug/l	97
11) Tert butyl alcohol	3.001	59	214437	256.532	ug/l	95
12) 1,1-Dichloroethene	2.319	96	146831	48.063	ug/l	97
13) Acrolein	2.239	56	87322	232.675	ug/l	100
14) Allyl chloride	2.666	41	235944	48.114	ug/l	95
15) Acrylonitrile	3.068	53	461310	238.587	ug/l	100
16) Acetone	2.392	43	379512	230.845	ug/l	96
17) Carbon Disulfide	2.514	76	366297	48.712	ug/l	99
18) Methyl Acetate	2.709	43	200368	46.003	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	519712	49.281	ug/l	98
20) Methylene Chloride	2.788	84	167606	45.652	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	165140	48.163	ug/l	98
22) Diisopropyl ether	3.763	45	485272	49.022	ug/l	92
23) Vinyl Acetate	3.727	43	2091735	254.889	ug/l	99
24) 1,1-Dichloroethane	3.611	63	284895	47.717	ug/l	99
25) 2-Butanone	4.568	43	623608	239.793	ug/l	100
26) 2,2-Dichloropropane	4.483	77	197889	46.490	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	191379	47.186	ug/l	95
28) Bromochloromethane	4.903	49	116289	49.546	ug/l	99
29) Tetrahydrofuran	5.013	42	412552	243.412	ug/l	94
30) Chloroform	5.099	83	307261	47.690	ug/l	96
31) Cyclohexane	5.477	56	266025	48.288	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	270698	48.767	ug/l	99
36) 1,1-Dichloropropene	5.696	75	225532	48.055	ug/l	99
37) Ethyl Acetate	4.714	43	238535	49.238	ug/l	98
38) Carbon Tetrachloride	5.684	117	234525	48.891	ug/l	99
39) Methylcyclohexane	7.385	83	281454	48.689	ug/l	95
40) Benzene	6.044	78	680588	48.712	ug/l	98

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41) Methacrylonitrile	4.928	41	133495	51.822	ug/l	93
42) 1,2-Dichloroethane	6.092	62	230940	47.585	ug/l	100
43) Isopropyl Acetate	6.342	43	363209	49.905	ug/l	98
44) Trichloroethene	7.129	130	182563	47.994	ug/l	93
45) 1,2-Dichloropropane	7.434	63	165812	48.272	ug/l	97
46) Dibromomethane	7.580	93	121388	48.782	ug/l	93
47) Bromodichloromethane	7.824	83	229946	48.960	ug/l	99
48) Methyl methacrylate	7.696	41	178619	48.796	ug/l	94
49) 1,4-Dioxane	7.690	88	94639	1005.089	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1198600	251.641	ug/l	98
52) Toluene	8.720	92	447034	49.843	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	242882	47.625	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	269110	51.037	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	177486	48.922	ug/l	97
56) Ethyl methacrylate	9.116	69	275332	52.165	ug/l	95
57) 1,3-Dichloropropane	9.311	76	295273	48.284	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	655894	255.798	ug/l	97
59) 2-Hexanone	9.433	43	927495	256.112	ug/l	96
60) Dibromochloromethane	9.525	129	178830	50.951	ug/l	96
61) 1,2-Dibromoethane	9.610	107	188141	48.620	ug/l	97
64) Tetrachloroethene	9.275	164	163893	49.310	ug/l	95
65) Chlorobenzene	10.079	112	470469	48.696	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	171257	50.926	ug/l	100
67) Ethyl Benzene	10.195	91	844416	49.733	ug/l	98
68) m/p-Xylenes	10.305	106	663884	101.061	ug/l	99
69) o-Xylene	10.646	106	327388	51.287	ug/l	100
70) Styrene	10.659	104	545393	51.193	ug/l	98
71) Bromoform	10.799	173	122475	51.281	ug/l #	99
73) Isopropylbenzene	10.963	105	837909	49.271	ug/l	99
74) N-amyl acetate	10.848	43	303273	52.677	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	271550	47.313	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	246439m	48.843	ug/l	
77) Bromobenzene	11.201	156	194375	48.678	ug/l	94
78) n-propylbenzene	11.305	91	959231	49.707	ug/l	100
79) 2-Chlorotoluene	11.366	91	583248	49.079	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	716670	49.630	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	75134	46.473	ug/l	93
82) 4-Chlorotoluene	11.457	91	670245	48.862	ug/l	99
83) tert-Butylbenzene	11.719	119	696757	49.729	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	714835	50.154	ug/l	99
85) sec-Butylbenzene	11.890	105	858894	49.920	ug/l	100
86) p-Isopropyltoluene	12.012	119	733091	50.825	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	374525	49.145	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	374017	48.256	ug/l	98
89) n-Butylbenzene	12.335	91	617329	50.764	ug/l	99
90) Hexachloroethane	12.542	117	115017	50.157	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	367265	48.604	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	59098	49.508	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	225189	50.491	ug/l	98
94) Hexachlorobutadiene	13.725	225	90200	48.647	ug/l	93
95) Naphthalene	13.780	128	819256	52.047	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	221887	49.894	ug/l	96

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

