

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030018.D
 Acq On : 12 Jul 2022 14:26
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071222

Quant Time: Jul 13 09:06:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	190876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	327418	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	291622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114447	49.260	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.520%		
35) Dibromofluoromethane	5.385	113	105992	50.673	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.340%		
50) Toluene-d8	8.653	98	406981	51.735	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.460%		
62) 4-Bromofluorobenzene	11.085	95	146287	53.586	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	123013	56.876	ug/l	99
3) Chloromethane	1.288	50	116635	58.639	ug/l	99
4) Vinyl Chloride	1.374	62	127674	57.791	ug/l	98
5) Bromomethane	1.599	94	45424	48.402	ug/l	91
6) Chloroethane	1.678	64	69350	55.743	ug/l	92
7) Trichlorofluoromethane	1.880	101	163243	57.215	ug/l	96
8) Diethyl Ether	2.136	74	64233	54.418	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	106983	54.926	ug/l	96
10) Methyl Iodide	2.447	142	94518	49.453	ug/l	98
11) Tert butyl alcohol	2.977	59	151167	252.104	ug/l	98
12) 1,1-Dichloroethene	2.312	96	111870	57.524	ug/l	98
13) Acrolein	2.239	56	27283	228.457	ug/l	98
14) Allyl chloride	2.660	41	190301	55.996	ug/l	98
15) Acrylonitrile	3.068	53	371554	272.649	ug/l	99
16) Acetone	2.386	43	288886	263.882	ug/l	100
17) Carbon Disulfide	2.508	76	302630	55.653	ug/l	98
18) Methyl Acetate	2.703	43	171249	51.419	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	340884	55.454	ug/l	97
20) Methylene Chloride	2.788	84	122275	55.450	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	117943	58.184	ug/l	95
22) Diisopropyl ether	3.763	45	366159	55.043	ug/l	91
23) Vinyl Acetate	3.721	43	1627609	289.018	ug/l	99
24) 1,1-Dichloroethane	3.611	63	201861	54.760	ug/l	98
25) 2-Butanone	4.562	43	509438	273.179	ug/l	99
26) 2,2-Dichloropropane	4.477	77	144816	55.925	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	135027	54.396	ug/l	98
28) Bromochloromethane	4.897	49	83884	54.091	ug/l	95
29) Tetrahydrofuran	5.007	42	343137	271.131	ug/l	99
30) Chloroform	5.099	83	201572	54.871	ug/l	98
31) Cyclohexane	5.470	56	188815	56.062	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	164792	54.886	ug/l	99
36) 1,1-Dichloropropene	5.696	75	152429	56.418	ug/l	99
37) Ethyl Acetate	4.714	43	191145	55.058	ug/l	99
38) Carbon Tetrachloride	5.678	117	140530	55.777	ug/l	99
39) Methylcyclohexane	7.385	83	205348	59.956	ug/l	99
40) Benzene	6.037	78	483349	56.840	ug/l	99

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41) Methacrylonitrile	4.922	41	103180	55.197	ug/l	99
42) 1,2-Dichloroethane	6.086	62	147071	55.805	ug/l	99
43) Isopropyl Acetate	6.342	43	290151	55.580	ug/l	100
44) Trichloroethene	7.129	130	133211	53.608	ug/l	100
45) 1,2-Dichloropropane	7.434	63	122319	55.339	ug/l	98
46) Dibromomethane	7.580	93	83120	54.637	ug/l	96
47) Bromodichloromethane	7.824	83	153448	55.587	ug/l	96
48) Methyl methacrylate	7.696	41	140452	58.309	ug/l	99
49) 1,4-Dioxane	7.665	88	74241	1186.305	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	954751	276.374	ug/l	99
52) Toluene	8.720	92	296294	54.870	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	169911	59.256	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	189332	57.638	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	123335	55.386	ug/l	99
56) Ethyl methacrylate	9.116	69	193664	57.844	ug/l	99
57) 1,3-Dichloropropane	9.311	76	196808	55.636	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	513730	282.581	ug/l	99
59) 2-Hexanone	9.433	43	761666	287.512	ug/l	100
60) Dibromochloromethane	9.525	129	120634	55.606	ug/l	99
61) 1,2-Dibromoethane	9.610	107	127727	55.112	ug/l	99
64) Tetrachloroethene	9.275	164	128607	54.938	ug/l	97
65) Chlorobenzene	10.079	112	318092	54.777	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	109189	55.154	ug/l	98
67) Ethyl Benzene	10.195	91	565347	57.442	ug/l	99
68) m/p-Xylenes	10.305	106	440425	114.095	ug/l	99
69) o-Xylene	10.646	106	215730	55.814	ug/l	99
70) Styrene	10.659	104	367122	57.227	ug/l	98
71) Bromoform	10.799	173	87123	54.776	ug/l #	98
73) Isopropylbenzene	10.963	105	556160	55.244	ug/l	99
74) N-amyl acetate	10.848	43	253375	57.302	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	189539	52.184	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	176262m	53.022	ug/l	
77) Bromobenzene	11.201	156	132608	52.646	ug/l	98
78) n-propylbenzene	11.305	91	679322	56.878	ug/l	100
79) 2-Chlorotoluene	11.366	91	390003	54.517	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	467911	55.158	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	65247	56.644	ug/l	98
82) 4-Chlorotoluene	11.457	91	444591	55.469	ug/l	99
83) tert-Butylbenzene	11.719	119	443312	54.493	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	475928	56.720	ug/l	100
85) sec-Butylbenzene	11.890	105	612958	56.994	ug/l	100
86) p-Isopropyltoluene	12.012	119	497615	57.674	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	258537	55.550	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	262796	55.023	ug/l	98
89) n-Butylbenzene	12.335	91	465013	60.153	ug/l	99
90) Hexachloroethane	12.542	117	81616	55.335	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	256467	54.241	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	44947	54.196	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	163648	56.348	ug/l	98
94) Hexachlorobutadiene	13.725	225	63681	54.921	ug/l	98
95) Naphthalene	13.780	128	637107	55.267	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	166712	56.416	ug/l	100

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

