

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031918.D
 Acq On : 06 Oct 2022 14:25
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100622

Quant Time: Oct 07 08:06:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/07/2022
 Supervised By : Mahesh Dadoda 10/07/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	70377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	105278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64481	44.365	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.720%		
35) Dibromofluoromethane	5.385	113	57263	48.052	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.100%		
50) Toluene-d8	8.647	98	211641	49.355	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.720%		
62) 4-Bromofluorobenzene	11.079	95	77993	51.448	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.900%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	56908	54.334	ug/l	99
3) Chloromethane	1.288	50	52822	48.161	ug/l	99
4) Vinyl Chloride	1.374	62	61445	47.939	ug/l	97
5) Bromomethane	1.611	94	43325	52.302	ug/l	100
6) Chloroethane	1.685	64	57248	52.486	ug/l	98
7) Trichlorofluoromethane	1.886	101	111889	48.564	ug/l	99
8) Diethyl Ether	2.130	74	38465	48.979	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	57993	49.799	ug/l	90
10) Methyl Iodide	2.453	142	58337	49.275	ug/l	99
11) Tert butyl alcohol	3.001	59	44581	246.533	ug/l	96
12) 1,1-Dichloroethene	2.319	96	53272	49.695	ug/l	88
13) Acrolein	2.239	56	24082	229.716	ug/l	98
14) Allyl chloride	2.660	41	77227	50.630	ug/l	95
15) Acrylonitrile	3.062	53	136650	237.049	ug/l	98
16) Acetone	2.392	43	114969	232.746	ug/l	94
17) Carbon Disulfide	2.508	76	118807	51.610	ug/l	99
18) Methyl Acetate	2.703	43	76314	46.823	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	181396	50.426	ug/l	97
20) Methylene Chloride	2.788	84	59602	45.916	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	59499	50.120	ug/l	94
22) Diisopropyl ether	3.757	45	170600	49.752	ug/l	96
23) Vinyl Acetate	3.721	43	673827	262.893	ug/l	95
24) 1,1-Dichloroethane	3.611	63	100496	48.892	ug/l	98
25) 2-Butanone	4.562	43	184615	239.082	ug/l	91
26) 2,2-Dichloropropane	4.471	77	80910	54.802	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	70354	49.529	ug/l	88
28) Bromochloromethane	4.897	49	42746	48.586	ug/l #	78
29) Tetrahydrofuran	5.007	42	114745	230.305	ug/l	91
30) Chloroform	5.086	83	112823	49.277	ug/l	99
31) Cyclohexane	5.471	56	87750	50.538	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	101613	52.227	ug/l	97
36) 1,1-Dichloropropene	5.690	75	81269	51.428	ug/l	96
37) Ethyl Acetate	4.715	43	74362	49.984	ug/l	98
38) Carbon Tetrachloride	5.672	117	90172	55.808	ug/l	99
39) Methylcyclohexane	7.379	83	102143	54.190	ug/l	92
40) Benzene	6.037	78	236831	51.181	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	39392	50.919	ug/l	92
42) 1,2-Dichloroethane	6.086	62	86610	51.364	ug/l	97
43) Isopropyl Acetate	6.336	43	121481	53.819	ug/l	95
44) Trichloroethene	7.123	130	69911	51.526	ug/l	92
45) 1,2-Dichloropropane	7.427	63	58500	51.443	ug/l	97
46) Dibromomethane	7.580	93	45406	51.522	ug/l	91
47) Bromodichloromethane	7.824	83	85129	55.916	ug/l	99
48) Methyl methacrylate	7.690	41	57796	53.584	ug/l	92
49) 1,4-Dioxane	7.702	88	25338	1041.306	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	385724	257.866	ug/l	96
52) Toluene	8.720	92	159455	52.704	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	88754	54.055	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	98491	59.736	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	64477	50.493	ug/l	97
56) Ethyl methacrylate	9.116	69	90315	55.177	ug/l	94
57) 1,3-Dichloropropane	9.305	76	106465	51.884	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	206431	244.318	ug/l	91
59) 2-Hexanone	9.433	43	289920	262.863	ug/l	96
60) Dibromochloromethane	9.519	129	68152	58.318	ug/l	98
61) 1,2-Dibromoethane	9.610	107	68665	53.471	ug/l	96
64) Tetrachloroethene	9.275	164	70367	53.455	ug/l	97
65) Chlorobenzene	10.079	112	176890	50.068	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	64020	52.369	ug/l	98
67) Ethyl Benzene	10.195	91	308988	51.698	ug/l	100
68) m/p-Xylenes	10.299	106	245819	103.497	ug/l	98
69) o-Xylene	10.640	106	121026	52.425	ug/l	96
70) Styrene	10.659	104	200351	54.288	ug/l	97
71) Bromoform	10.799	173	46892	58.593	ug/l #	99
73) Isopropylbenzene	10.963	105	318672	51.728	ug/l	100
74) N-amyl acetate	10.842	43	108239	57.535	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	92804	47.413	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	83089m	49.634	ug/l	
77) Bromobenzene	11.201	156	78076	51.450	ug/l	93
78) n-propylbenzene	11.305	91	366619	52.322	ug/l	99
79) 2-Chlorotoluene	11.366	91	213818	50.707	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	268965	52.642	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	23756	50.331	ug/l	93
82) 4-Chlorotoluene	11.457	91	248138	51.382	ug/l	98
83) tert-Butylbenzene	11.713	119	264844	52.373	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	270467	52.109	ug/l	100
85) sec-Butylbenzene	11.890	105	332862	53.167	ug/l	100
86) p-Isopropyltoluene	12.012	119	287083	54.463	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	150670	52.146	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	154008	51.784	ug/l	97
89) n-Butylbenzene	12.335	91	244567	55.405	ug/l	99
90) Hexachloroethane	12.542	117	43308	51.624	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	145892	50.785	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19731	55.070	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	96676	55.447	ug/l	98
94) Hexachlorobutadiene	13.725	225	38234	54.218	ug/l	97
95) Naphthalene	13.774	128	324450	54.305	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	97212	54.966	ug/l	98

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

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