

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091922\
 Data File : VX031457.D
 Acq On : 19 Sep 2022 12:57
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091922

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 20 09:47:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	57615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	88298	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51214	48.344	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.680%		
35) Dibromofluoromethane	5.385	113	44049	48.239	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.480%		
50) Toluene-d8	8.653	98	165206	46.962	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.920%		
62) 4-Bromofluorobenzene	11.079	95	59657	50.064	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44315	53.497	ug/l	99
3) Chloromethane	1.288	50	49298	44.859	ug/l	98
4) Vinyl Chloride	1.374	62	59667	47.615	ug/l	99
5) Bromomethane	1.605	94	87900	49.263	ug/l	97
6) Chloroethane	1.685	64	52295	48.066	ug/l	99
7) Trichlorofluoromethane	1.886	101	132096	46.473	ug/l	100
8) Diethyl Ether	2.136	74	43341	44.273	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.325	101	43246	46.616	ug/l	93
10) Methyl Iodide	2.453	142	41287	46.000	ug/l	99
11) Tert butyl alcohol	2.977	59	53253	237.153	ug/l	100
12) 1,1-Dichloroethene	2.319	96	39938	44.534	ug/l	91
13) Acrolein	2.239	56	26925	233.948	ug/l	98
14) Allyl chloride	2.666	41	63163	43.190	ug/l	93
15) Acrylonitrile	3.068	53	123443	222.004	ug/l	99
16) Acetone	2.386	43	104613	250.352	ug/l	98
17) Carbon Disulfide	2.508	76	108737	45.001	ug/l	100
18) Methyl Acetate	2.709	43	65586	41.538	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	144855	44.661	ug/l	99
20) Methylene Chloride	2.788	84	46376	49.088	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	45683	45.110	ug/l	93
22) Diisopropyl ether	3.763	45	142828	45.099	ug/l	94
23) Vinyl Acetate	3.727	43	626721	231.401	ug/l	97
24) 1,1-Dichloroethane	3.611	63	80164	44.792	ug/l	98
25) 2-Butanone	4.562	43	178161	218.402	ug/l	96
26) 2,2-Dichloropropane	4.477	77	73498	46.491	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	53939	44.193	ug/l	91
28) Bromochloromethane	4.897	49	35070	49.052	ug/l	94
29) Tetrahydrofuran	5.007	42	115225	216.593	ug/l	95
30) Chloroform	5.093	83	89871	45.786	ug/l	98
31) Cyclohexane	5.470	56	72887	46.509	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	81460	45.690	ug/l	100
36) 1,1-Dichloropropene	5.696	75	66405	47.313	ug/l	98
37) Ethyl Acetate	4.715	43	71627	42.778	ug/l	98
38) Carbon Tetrachloride	5.678	117	72062	46.320	ug/l	99
39) Methylcyclohexane	7.379	83	80971	46.888	ug/l	93
40) Benzene	6.044	78	190102	45.401	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	36252	43.486	ug/l	94
42) 1,2-Dichloroethane	6.086	62	70929	45.957	ug/l	98
43) Isopropyl Acetate	6.342	43	117770	45.764	ug/l	99
44) Trichloroethene	7.129	130	53186	44.799	ug/l	87
45) 1,2-Dichloropropane	7.434	63	46679	44.349	ug/l	96
46) Dibromomethane	7.580	93	36205	44.687	ug/l	94
47) Bromodichloromethane	7.824	83	69931	45.908	ug/l	100
48) Methyl methacrylate	7.696	41	52705	44.829	ug/l	91
49) 1,4-Dioxane	7.671	88	23102	860.422	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	378662	228.766	ug/l	100
52) Toluene	8.720	92	128191	46.942	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	78068	49.526	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	80208	46.526	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	52113	46.313	ug/l	98
56) Ethyl methacrylate	9.116	69	77459	48.400	ug/l	95
57) 1,3-Dichloropropane	9.311	76	84940	45.999	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	167444	252.467	ug/l	96
59) 2-Hexanone	9.433	43	291980	234.876	ug/l	100
60) Dibromochloromethane	9.525	129	57153	47.831	ug/l	99
61) 1,2-Dibromoethane	9.610	107	56475	46.588	ug/l	100
64) Tetrachloroethene	9.275	164	52964	44.912	ug/l	97
65) Chlorobenzene	10.079	112	139781	46.167	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	51907	47.516	ug/l	98
67) Ethyl Benzene	10.195	91	251007	46.954	ug/l	99
68) m/p-Xylenes	10.305	106	201988	94.021	ug/l	98
69) o-Xylene	10.640	106	96941	47.276	ug/l	97
70) Styrene	10.659	104	162850	48.236	ug/l	98
71) Bromoform	10.799	173	42695	48.848	ug/l #	98
73) Isopropylbenzene	10.963	105	258896	44.273	ug/l	100
74) N-amyl acetate	10.841	43	108776	45.894	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	82753	51.997	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	75708m	43.318	ug/l	
77) Bromobenzene	11.201	156	60989	42.318	ug/l	95
78) n-propylbenzene	11.305	91	307521	45.710	ug/l	99
79) 2-Chlorotoluene	11.366	91	175978	43.946	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	228541	46.052	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25990	47.882	ug/l	95
82) 4-Chlorotoluene	11.457	91	214834	45.715	ug/l	99
83) tert-Butylbenzene	11.719	119	219351	45.604	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	224840	46.004	ug/l	99
85) sec-Butylbenzene	11.890	105	281197	46.196	ug/l	100
86) p-Isopropyltoluene	12.012	119	244360	47.540	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	124234	44.973	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	132446	45.968	ug/l	98
89) n-Butylbenzene	12.335	91	217062	49.575	ug/l	99
90) Hexachloroethane	12.542	117	41391	46.864	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	124246	44.664	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18095	45.033	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	73493	47.947	ug/l	98
94) Hexachlorobutadiene	13.725	225	27259	52.922	ug/l	96
95) Naphthalene	13.780	128	264999	47.206	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	74230	46.986	ug/l	98

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

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