

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026911.D
 Acq On : 10 Feb 2022 10:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/11/2022
 Supervised By : Mahesh Dadoda 02/11/2022

Quant Time: Feb 11 03:57:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	99276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	158735	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61443	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61295	51.435	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.860%			
35) Dibromofluoromethane	5.385	113	48207	50.974	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.940%			
50) Toluene-d8	8.653	98	176000	50.699	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.400%			
62) 4-Bromofluorobenzene	11.079	95	61070	49.968	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	54927	50.883	ug/l	99
3) Chloromethane	1.295	50	49498	49.290	ug/l	99
4) Vinyl Chloride	1.380	62	53232	50.638	ug/l	99
5) Bromomethane	1.618	94	21812	48.897	ug/l	98
6) Chloroethane	1.691	64	30959	54.753	ug/l	100
7) Trichlorofluoromethane	1.892	101	80339	51.932	ug/l	100
8) Diethyl Ether	2.136	74	29225	50.998	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	52602	51.875	ug/l	99
10) Methyl Iodide	2.459	142	65780	46.916	ug/l	97
11) Tert butyl alcohol	3.008	59	43696	202.967	ug/l #	75
12) 1,1-Dichloroethene	2.325	96	49626	48.844	ug/l	92
13) Acrolein	2.239	56	58584	294.462	ug/l	100
14) Allyl chloride	2.666	41	91808	51.013	ug/l	97
15) Acrylonitrile	3.069	53	150186	243.441	ug/l	99
16) Acetone	2.386	43	147362	281.544	ug/l	98
17) Carbon Disulfide	2.520	76	135835	47.228	ug/l	98
18) Methyl Acetate	2.703	43	71354	47.381	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	176584	49.102	ug/l	100
20) Methylene Chloride	2.794	84	54994	48.491	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	53835	50.354	ug/l	99
22) Diisopropyl ether	3.764	45	184558	50.936	ug/l	94
23) Vinyl Acetate	3.721	43	794765	260.889	ug/l	98
24) 1,1-Dichloroethane	3.611	63	99032	50.510	ug/l	99
25) 2-Butanone	4.556	43	216750	257.028	ug/l	98
26) 2,2-Dichloropropane	4.477	77	75554	57.035	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	62463	50.885	ug/l	97
28) Bromochloromethane	4.904	49	41325	50.847	ug/l	99
29) Tetrahydrofuran	5.007	42	137233	239.374	ug/l	99
30) Chloroform	5.099	83	101827	49.987	ug/l	100
31) Cyclohexane	5.471	56	94971	50.155	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	89466	49.814	ug/l	99
36) 1,1-Dichloropropene	5.696	75	76964	51.587	ug/l	99
37) Ethyl Acetate	4.715	43	83062	48.989	ug/l	99
38) Carbon Tetrachloride	5.678	117	80388	51.383	ug/l	98
39) Methylcyclohexane	7.379	83	97580	53.333	ug/l	97
40) Benzene	6.044	78	219952	50.585	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46761	50.886	ug/l	97
42) 1,2-Dichloroethane	6.086	62	82223	53.663	ug/l	99
43) Isopropyl Acetate	6.342	43	132419	50.760	ug/l	98
44) Trichloroethene	7.129	130	65546	50.205	ug/l	97
45) 1,2-Dichloropropane	7.434	63	56439	51.302	ug/l	96
46) Dibromomethane	7.580	93	38537	50.625	ug/l	97
47) Bromodichloromethane	7.824	83	78273	53.693	ug/l	99
48) Methyl methacrylate	7.690	41	64938	50.238	ug/l	97
49) 1,4-Dioxane	7.678	88	20043	899.833	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	395910	250.439	ug/l	99
52) Toluene	8.720	92	135915	49.371	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	79897	50.611	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	90039	55.934	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	54230	52.035	ug/l	99
56) Ethyl methacrylate	9.116	69	83838	50.748	ug/l	97
57) 1,3-Dichloropropane	9.311	76	94395	52.745	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	214446	252.902	ug/l	99
59) 2-Hexanone	9.433	43	289571	250.429	ug/l	98
60) Dibromochloromethane	9.525	129	57640	53.751	ug/l	99
61) 1,2-Dibromoethane	9.610	107	56613	51.413	ug/l	100
64) Tetrachloroethene	9.275	164	67512	49.916	ug/l	95
65) Chlorobenzene	10.080	112	139323	50.027	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	52667	51.408	ug/l	98
67) Ethyl Benzene	10.195	91	252956	51.319	ug/l	98
68) m/p-Xylenes	10.299	106	192844	101.687	ug/l	98
69) o-Xylene	10.640	106	93162	50.133	ug/l	97
70) Styrene	10.659	104	155351	51.545	ug/l	98
71) Bromoform	10.799	173	36785	46.497	ug/l #	99
73) Isopropylbenzene	10.964	105	244973	50.617	ug/l	99
74) N-amyl acetate	10.842	43	95644	49.460	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	63877	48.635	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	67639m	50.289	ug/l	
77) Bromobenzene	11.201	156	56679	49.268	ug/l	97
78) n-propylbenzene	11.305	91	280459	52.272	ug/l	100
79) 2-Chlorotoluene	11.366	91	164620	49.658	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	202304	50.789	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	19958	46.640	ug/l	95
82) 4-Chlorotoluene	11.457	91	189776	51.029	ug/l	98
83) tert-Butylbenzene	11.713	119	189773	49.987	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	201450	50.140	ug/l	98
85) sec-Butylbenzene	11.890	105	249181	51.780	ug/l	99
86) p-Isopropyltoluene	12.012	119	211462	51.869	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	106481	50.513	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	105956	49.840	ug/l	99
89) n-Butylbenzene	12.335	91	181926	54.542	ug/l	100
90) Hexachloroethane	12.543	117	31563	53.567	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	102242	50.266	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15966	49.433	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	67044	52.229	ug/l	98
94) Hexachlorobutadiene	13.725	225	28338	52.191	ug/l	98
95) Naphthalene	13.780	128	232199	51.641	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	66754	51.357	ug/l	99

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

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