

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091922\
 Data File : VX031459.D
 Acq On : 19 Sep 2022 14:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Sep 20 09:47:54 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	48086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	73996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	84840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	46893	53.144	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.280%			
35) Dibromofluoromethane	5.385	113	40032	52.376	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.760%			
50) Toluene-d8	8.647	98	142939	48.486	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.980%			
62) 4-Bromofluorobenzene	11.079	95	50831	50.902	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	37341	54.011	ug/l	98
3) Chloromethane	1.288	50	44508	48.526	ug/l	98
4) Vinyl Chloride	1.374	62	50486	48.272	ug/l	97
5) Bromomethane	1.605	94	82644	55.496	ug/l	96
6) Chloroethane	1.679	64	46778	51.741	ug/l	97
7) Trichlorofluoromethane	1.886	101	115296	48.601	ug/l	96
8) Diethyl Ether	2.130	74	42631	52.177	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	36630	47.309	ug/l	92
10) Methyl Iodide	2.453	142	36976	49.360	ug/l	99
11) Tert butyl alcohol	2.977	59	57595	318.217	ug/l	99
12) 1,1-Dichloroethene	2.313	96	35734	47.742	ug/l	90
13) Acrolein	2.233	56	24311	254.086	ug/l	97
14) Allyl chloride	2.660	41	57267	46.918	ug/l	96
15) Acrylonitrile	3.062	53	123458	266.030	ug/l	99
16) Acetone	2.386	43	101756	294.161	ug/l	99
17) Carbon Disulfide	2.508	76	90409	44.830	ug/l	98
18) Methyl Acetate	2.703	43	66206	50.240	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	140383	51.859	ug/l	100
20) Methylene Chloride	2.788	84	43460	55.418	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	40299	47.680	ug/l	96
22) Diisopropyl ether	3.764	45	135269	51.176	ug/l	96
23) Vinyl Acetate	3.721	43	603699	267.072	ug/l	96
24) 1,1-Dichloroethane	3.605	63	73076	48.923	ug/l	98
25) 2-Butanone	4.562	43	178601	262.328	ug/l	99
26) 2,2-Dichloropropane	4.477	77	59233	44.893	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	48655	47.763	ug/l	90
28) Bromochloromethane	4.898	49	31572	52.910	ug/l	90
29) Tetrahydrofuran	5.007	42	116462	262.300	ug/l	95
30) Chloroform	5.093	83	83406	50.912	ug/l	95
31) Cyclohexane	5.471	56	60439	46.208	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	70033	47.065	ug/l	99
36) 1,1-Dichloropropene	5.690	75	56320	47.883	ug/l	97
37) Ethyl Acetate	4.715	43	71915	51.252	ug/l	99
38) Carbon Tetrachloride	5.678	117	61748	47.362	ug/l	94
39) Methylcyclohexane	7.379	83	69563	48.067	ug/l	94
40) Benzene	6.038	78	171577	48.897	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	35697	51.096	ug/l	94
42) 1,2-Dichloroethane	6.086	62	68232	52.755	ug/l	98
43) Isopropyl Acetate	6.342	43	115256	53.443	ug/l	99
44) Trichloroethene	7.123	130	46852	47.091	ug/l	95
45) 1,2-Dichloropropane	7.428	63	43331	49.125	ug/l	95
46) Dibromomethane	7.580	93	34707	51.118	ug/l	92
47) Bromodichloromethane	7.824	83	64759	50.730	ug/l	97
48) Methyl methacrylate	7.690	41	52422	53.206	ug/l	93
49) 1,4-Dioxane	7.671	88	25000	1111.078	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	378866	273.130	ug/l	100
52) Toluene	8.720	92	114369	49.975	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	71012	53.757	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	72900	50.460	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	48618	51.558	ug/l	98
56) Ethyl methacrylate	9.116	69	74108	55.256	ug/l	95
57) 1,3-Dichloropropane	9.311	76	81000	52.344	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	148222	266.670	ug/l	95
59) 2-Hexanone	9.433	43	292002	280.294	ug/l	100
60) Dibromochloromethane	9.525	129	55174	55.099	ug/l	99
61) 1,2-Dibromoethane	9.610	107	53446	52.611	ug/l	95
64) Tetrachloroethene	9.275	164	45181	44.337	ug/l	93
65) Chlorobenzene	10.079	112	126460	48.336	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	48340	51.210	ug/l	98
67) Ethyl Benzene	10.195	91	218769	47.359	ug/l	99
68) m/p-Xylenes	10.305	106	175982	94.798	ug/l	99
69) o-Xylene	10.640	106	86070	48.575	ug/l	96
70) Styrene	10.659	104	144915	49.673	ug/l	99
71) Bromoform	10.799	173	39087	51.753	ug/l #	99
73) Isopropylbenzene	10.964	105	221096	47.600	ug/l	99
74) N-amyl acetate	10.842	43	103721	55.093	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	79877	64.026	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	75173m	54.150	ug/l	
77) Bromobenzene	11.201	156	56071	48.980	ug/l	93
78) n-propylbenzene	11.305	91	266487	49.868	ug/l	98
79) 2-Chlorotoluene	11.366	91	152750	48.023	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	196060	49.738	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24716	57.326	ug/l	97
82) 4-Chlorotoluene	11.457	91	183749	49.225	ug/l	98
83) tert-Butylbenzene	11.713	119	188192	49.258	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	193555	49.858	ug/l	99
85) sec-Butylbenzene	11.890	105	239195	49.471	ug/l	100
86) p-Isopropyltoluene	12.012	119	208781	51.137	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	108774	49.573	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	112664	49.228	ug/l	97
89) n-Butylbenzene	12.335	91	181284	52.126	ug/l	99
90) Hexachloroethane	12.542	117	35412	50.477	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	108175	48.957	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17911	56.118	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	64758	53.188	ug/l	98
94) Hexachlorobutadiene	13.725	225	23872	60.387	ug/l	97
95) Naphthalene	13.774	128	241432	54.145	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	66640	53.104	ug/l	96

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

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