

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029634.D
 Acq On : 21 Jun 2022 01:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/21/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 21 02:15:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	241574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	426797	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	384485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147747	46.203	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.400%		
35) Dibromofluoromethane	5.385	113	131803	47.388	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.780%		
50) Toluene-d8	8.653	98	495236	48.739	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.480%		
62) 4-Bromofluorobenzene	11.079	95	187005	48.803	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	148437	50.738	ug/l	99
3) Chloromethane	1.288	50	139928	44.398	ug/l	100
4) Vinyl Chloride	1.374	62	143295	49.383	ug/l	99
5) Bromomethane	1.612	94	64684	43.693	ug/l	95
6) Chloroethane	1.685	64	74282	40.830	ug/l	100
7) Trichlorofluoromethane	1.886	101	202710	50.143	ug/l	98
8) Diethyl Ether	2.136	74	80992	50.853	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	126123	49.755	ug/l	98
10) Methyl Iodide	2.453	142	118497	41.549	ug/l	98
11) Tert butyl alcohol	2.989	59	191919	276.381	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	126202	51.566	ug/l	97
13) Acrolein	2.240	56	42130	239.166	ug/l	99
14) Allyl chloride	2.666	41	193992	49.093	ug/l	94
15) Acrylonitrile	3.069	53	390376	260.995	ug/l	99
16) Acetone	2.386	43	307950	241.604	ug/l	98
17) Carbon Disulfide	2.514	76	312053	49.182	ug/l	99
18) Methyl Acetate	2.709	43	169813	50.390	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	433417	51.011	ug/l	100
20) Methylene Chloride	2.788	84	139096	48.997	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	136541	51.044	ug/l	98
22) Diisopropyl ether	3.764	45	394231	50.433	ug/l	91
23) Vinyl Acetate	3.727	43	1684506	258.130	ug/l	100
24) 1,1-Dichloroethane	3.611	63	238727	50.782	ug/l	100
25) 2-Butanone	4.562	43	514234	255.238	ug/l	98
26) 2,2-Dichloropropane	4.477	77	138285	37.794	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	160438	51.339	ug/l	92
28) Bromochloromethane	4.898	49	95526	53.186	ug/l	99
29) Tetrahydrofuran	5.013	42	345233	257.119	ug/l	95
30) Chloroform	5.099	83	252358	50.726	ug/l	98
31) Cyclohexane	5.477	56	212151	49.416	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	221600	50.501	ug/l	98
36) 1,1-Dichloropropene	5.696	75	185226	49.204	ug/l	99
37) Ethyl Acetate	4.721	43	198420	51.422	ug/l	99
38) Carbon Tetrachloride	5.678	117	188535	50.929	ug/l	98
39) Methylcyclohexane	7.385	83	231763	49.381	ug/l	96
40) Benzene	6.044	78	555944	49.822	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	106916	52.592	ug/l	95
42) 1,2-Dichloroethane	6.092	62	187431	48.862	ug/l	98
43) Isopropyl Acetate	6.342	43	303428	50.570	ug/l	99
44) Trichloroethene	7.129	130	158626	50.170	ug/l	94
45) 1,2-Dichloropropane	7.434	63	139109	50.831	ug/l	98
46) Dibromomethane	7.586	93	100054	50.867	ug/l	95
47) Bromodichloromethane	7.824	83	192612	50.817	ug/l	100
48) Methyl methacrylate	7.696	41	147247	50.051	ug/l	94
49) 1,4-Dioxane	7.684	88	77285	1018.911	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	971904	251.306	ug/l	99
52) Toluene	8.720	92	362897	50.788	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	192226	50.187	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	215333	50.206	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	147816	51.164	ug/l	99
56) Ethyl methacrylate	9.116	69	228581	52.372	ug/l	96
57) 1,3-Dichloropropane	9.311	76	240793	50.043	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	491888	239.863	ug/l	96
59) 2-Hexanone	9.433	43	742839	253.653	ug/l	98
60) Dibromochloromethane	9.525	129	150520	53.662	ug/l	97
61) 1,2-Dibromoethane	9.610	107	155628	51.958	ug/l	100
64) Tetrachloroethene	9.275	164	138856	49.939	ug/l	97
65) Chlorobenzene	10.080	112	380754	50.479	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	137702	50.834	ug/l	100
67) Ethyl Benzene	10.195	91	682944	50.322	ug/l	99
68) m/p-Xylenes	10.305	106	534626	101.014	ug/l	100
69) o-Xylene	10.647	106	263965	50.481	ug/l	99
70) Styrene	10.659	104	445544	52.040	ug/l	99
71) Bromoform	10.799	173	103557	53.918	ug/l #	99
73) Isopropylbenzene	10.964	105	681362	48.396	ug/l	99
74) N-amyl acetate	10.842	43	245459	50.199	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	220700	48.487	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	195828m	47.872	ug/l	
77) Bromobenzene	11.201	156	160021	49.801	ug/l	96
78) n-propylbenzene	11.305	91	775270	48.892	ug/l	99
79) 2-Chlorotoluene	11.366	91	466694	47.532	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	577515	48.707	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	58874	47.880	ug/l	97
82) 4-Chlorotoluene	11.457	91	537528	48.008	ug/l	99
83) tert-Butylbenzene	11.713	119	570861	49.379	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	574225	48.559	ug/l	99
85) sec-Butylbenzene	11.890	105	711372	49.650	ug/l	99
86) p-Isopropyltoluene	12.012	119	589539	49.141	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	297210	48.556	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	300495	49.169	ug/l	98
89) n-Butylbenzene	12.335	91	497734	49.159	ug/l	99
90) Hexachloroethane	12.543	117	91906	53.501	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	297219	49.398	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	49480	49.059	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	178492	48.647	ug/l	97
94) Hexachlorobutadiene	13.725	225	71353	47.499	ug/l	95
95) Naphthalene	13.774	128	676911	51.393	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	181967	49.519	ug/l	95

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

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