

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031686.D
 Acq On : 27 Sep 2022 06:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 27 08:16:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 26 12:56:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	68026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	108572	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71134	49.269	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.540%		
35) Dibromofluoromethane	5.385	113	60675	46.902	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.800%		
50) Toluene-d8	8.653	98	230321	49.108	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.220%		
62) 4-Bromofluorobenzene	11.079	95	92251	53.666	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	35161	42.471	ug/l	99
3) Chloromethane	1.288	50	38678	53.114	ug/l	97
4) Vinyl Chloride	1.368	62	50617	44.427	ug/l	99
5) Bromomethane	1.612	94	58305	57.984	ug/l	96
6) Chloroethane	1.685	64	62760	46.203	ug/l	97
7) Trichlorofluoromethane	1.886	101	125164	44.846	ug/l	98
8) Diethyl Ether	2.130	74	41159	51.615	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.325	101	38789	42.896	ug/l	92
10) Methyl Iodide	2.453	142	43315	48.870	ug/l	98
11) Tert butyl alcohol	2.995	59	45924	247.319	ug/l	99
12) 1,1-Dichloroethene	2.319	96	35878	51.764	ug/l	89
13) Acrolein	2.239	56	22285	259.480	ug/l	97
14) Allyl chloride	2.660	41	53154	44.678	ug/l	93
15) Acrylonitrile	3.069	53	121322	242.124	ug/l	99
16) Acetone	2.392	43	91024	274.118	ug/l	96
17) Carbon Disulfide	2.508	76	71222	46.884	ug/l	97
18) Methyl Acetate	2.703	43	60752	46.825	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	165715	51.604	ug/l	95
20) Methylene Chloride	2.788	84	45737	50.098	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	47588	47.604	ug/l	92
22) Diisopropyl ether	3.764	45	151819	49.583	ug/l #	94
23) Vinyl Acetate	3.721	43	613417	253.314	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	85237	48.286	ug/l	97
25) 2-Butanone	4.562	43	167621	243.226	ug/l	94
26) 2,2-Dichloropropane	4.477	77	47777	33.346	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	60162	49.140	ug/l	85
28) Bromochloromethane	4.904	49	41606	50.384	ug/l #	77
29) Tetrahydrofuran	5.007	42	108351	250.274	ug/l #	85
30) Chloroform	5.093	83	109780	50.552	ug/l	100
31) Cyclohexane	5.477	56	69409	50.561	ug/l	88
32) 1,1,1-Trichloroethane	5.391	97	96583	53.699	ug/l	98
36) 1,1-Dichloropropene	5.690	75	70678	47.573	ug/l	98
37) Ethyl Acetate	4.721	43	69037	46.069	ug/l	97
38) Carbon Tetrachloride	5.678	117	84700	50.587	ug/l	99
39) Methylcyclohexane	7.379	83	79185	46.779	ug/l	91
40) Benzene	6.038	78	217410	47.646	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	36334	47.650	ug/l	90
42) 1,2-Dichloroethane	6.086	62	85734	48.582	ug/l	99
43) Isopropyl Acetate	6.342	43	113347	48.058	ug/l #	95
44) Trichloroethene	7.129	130	62515	48.506	ug/l	89
45) 1,2-Dichloropropane	7.434	63	53021	47.878	ug/l	97
46) Dibromomethane	7.580	93	43257	48.639	ug/l	92
47) Bromodichloromethane	7.824	83	82112	51.165	ug/l	97
48) Methyl methacrylate	7.696	41	52909	51.009	ug/l	86
49) 1,4-Dioxane	7.696	88	27934	1111.615	ug/l	89
51) 4-Methyl-2-Pentanone	8.574	43	372098	249.248	ug/l	94
52) Toluene	8.720	92	153974	50.623	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	81309	44.098	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	82570	49.508	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	66155	50.518	ug/l	98
56) Ethyl methacrylate	9.116	69	90038	53.739	ug/l	89
57) 1,3-Dichloropropane	9.311	76	102881	49.608	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.245	63	212205	257.211	ug/l	90
59) 2-Hexanone	9.433	43	283289	254.332	ug/l	94
60) Dibromochloromethane	9.525	129	71576	46.910	ug/l	100
61) 1,2-Dibromoethane	9.610	107	71956	54.130	ug/l	99
64) Tetrachloroethene	9.275	164	67342	48.745	ug/l	97
65) Chlorobenzene	10.080	112	175272	48.675	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	66674	51.461	ug/l	98
67) Ethyl Benzene	10.195	91	303135	49.488	ug/l	98
68) m/p-Xylenes	10.305	106	250337	101.714	ug/l	97
69) o-Xylene	10.640	106	123269	51.241	ug/l	97
70) Styrene	10.659	104	207980	53.112	ug/l	97
71) Bromoform	10.799	173	50749	45.778	ug/l #	100
73) Isopropylbenzene	10.964	105	327549	48.953	ug/l	99
74) N-amyl acetate	10.842	43	106610	49.119	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	100747	47.387	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	89112m	48.264	ug/l	
77) Bromobenzene	11.201	156	81924	48.163	ug/l	91
78) n-propylbenzene	11.305	91	371300	49.867	ug/l	98
79) 2-Chlorotoluene	11.366	91	226741	49.315	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	285694	50.370	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	21826	40.222	ug/l	89
82) 4-Chlorotoluene	11.457	91	263395	49.587	ug/l	95
83) tert-Butylbenzene	11.713	119	281558	51.476	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	285039	50.770	ug/l	97
85) sec-Butylbenzene	11.890	105	349724	50.311	ug/l	99
86) p-Isopropyltoluene	12.012	119	303255	50.590	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	159212	48.282	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	165905	48.827	ug/l	98
89) n-Butylbenzene	12.335	91	242909	49.606	ug/l	98
90) Hexachloroethane	12.543	117	49891	51.904	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	162664	49.257	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22252	52.232	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	93516	48.425	ug/l	97
94) Hexachlorobutadiene	13.725	225	35060	46.558	ug/l	97
95) Naphthalene	13.774	128	337365	52.299	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	94672	47.767	ug/l	99

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

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