

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031426.D
 Acq On : 16 Sep 2022 21:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 17 02:09:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2022
 Supervised By : Mahesh Dadoda 09/19/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	51024	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	80792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	91124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52641	42.032	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.060%		
35) Dibromofluoromethane	5.391	113	43813	50.449	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.900%		
50) Toluene-d8	8.653	98	166337	51.060	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.120%		
62) 4-Bromofluorobenzene	11.085	95	58861	49.341	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22757	41.307	ug/l	97
3) Chloromethane	1.288	50	34163	45.078	ug/l	96
4) Vinyl Chloride	1.374	62	41383	46.420	ug/l	99
5) Bromomethane	1.611	94	51996	77.774	ug/l	99
6) Chloroethane	1.685	64	58636	82.862	ug/l	96
7) Trichlorofluoromethane	1.886	101	102300	62.599	ug/l	93
8) Diethyl Ether	2.136	74	37358	56.733	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	35581	46.043	ug/l	93
10) Methyl Iodide	2.447	142	23776	29.220	ug/l	99
11) Tert butyl alcohol	2.989	59	52046	191.058	ug/l	98
12) 1,1-Dichloroethene	2.319	96	32859	46.126	ug/l	92
13) Acrolein	2.239	56	19942	137.983	ug/l	98
14) Allyl chloride	2.666	41	53185	33.795	ug/l	92
15) Acrylonitrile	3.068	53	114151	197.617	ug/l	100
16) Acetone	2.386	43	96243	180.009	ug/l	99
17) Carbon Disulfide	2.508	76	75359	44.309	ug/l	99
18) Methyl Acetate	2.709	43	61916	39.053	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	132899	40.285	ug/l	100
20) Methylene Chloride	2.788	84	40037	47.637	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	38027	47.423	ug/l	96
22) Diisopropyl ether	3.763	45	130847	39.733	ug/l	92
23) Vinyl Acetate	3.727	43	562442	205.507	ug/l	97
24) 1,1-Dichloroethane	3.611	63	71121	41.151	ug/l	99
25) 2-Butanone	4.568	43	165687	187.877	ug/l	100
26) 2,2-Dichloropropane	4.477	77	51457	31.382	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	47052	44.841	ug/l	90
28) Bromochloromethane	4.904	49	34408	42.712	ug/l	93
29) Tetrahydrofuran	5.013	42	104722	191.707	ug/l	94
30) Chloroform	5.093	83	81836	44.715	ug/l	96
31) Cyclohexane	5.477	56	57859	43.001	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	70441	42.955	ug/l	99
36) 1,1-Dichloropropene	5.696	75	54637	45.964	ug/l	98
37) Ethyl Acetate	4.721	43	63726	40.795	ug/l	99
38) Carbon Tetrachloride	5.678	117	61262	47.413	ug/l	98
39) Methylcyclohexane	7.385	83	59873	45.737	ug/l	98
40) Benzene	6.044	78	165808	48.575	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	33459	39.539	ug/l	96
42) 1,2-Dichloroethane	6.092	62	64721	47.007	ug/l	99
43) Isopropyl Acetate	6.342	43	106596	39.978	ug/l	100
44) Trichloroethene	7.129	130	45295	52.046	ug/l	88
45) 1,2-Dichloropropane	7.434	63	42140	45.095	ug/l	99
46) Dibromomethane	7.580	93	31982	48.259	ug/l	92
47) Bromodichloromethane	7.824	83	62705	45.492	ug/l	97
48) Methyl methacrylate	7.696	41	48734	40.149	ug/l	91
49) 1,4-Dioxane	7.690	88	22455	922.462	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	358779	221.368	ug/l	100
52) Toluene	8.720	92	112661	52.176	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	66173	42.660	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	67985	42.649	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	47845	50.195	ug/l	98
56) Ethyl methacrylate	9.116	69	69415	44.986	ug/l	96
57) 1,3-Dichloropropane	9.311	76	77018	47.024	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	161107	224.091	ug/l	97
59) 2-Hexanone	9.433	43	276732	223.713	ug/l	100
60) Dibromochloromethane	9.525	129	51614	50.227	ug/l	99
61) 1,2-Dibromoethane	9.610	107	50460	51.592	ug/l	98
64) Tetrachloroethene	9.275	164	43672	52.418	ug/l	96
65) Chlorobenzene	10.079	112	122282	50.668	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	47524	49.979	ug/l	99
67) Ethyl Benzene	10.195	91	217882	49.843	ug/l	98
68) m/p-Xylenes	10.305	106	174118	104.901	ug/l	98
69) o-Xylene	10.646	106	85367	50.637	ug/l	97
70) Styrene	10.659	104	141480	51.607	ug/l	98
71) Bromoform	10.799	173	37386	49.388	ug/l #	100
73) Isopropylbenzene	10.963	105	225695	45.354	ug/l	99
74) N-amyl acetate	10.841	43	98401	39.776	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	79001	44.176	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	68580m	40.393	ug/l	
77) Bromobenzene	11.201	156	53788	47.405	ug/l	96
78) n-propylbenzene	11.305	91	262787	44.998	ug/l	99
79) 2-Chlorotoluene	11.366	91	154071	43.117	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	190966	45.804	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20427	33.291	ug/l	93
82) 4-Chlorotoluene	11.457	91	183359	44.767	ug/l	100
83) tert-Butylbenzene	11.713	119	191624	45.940	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	191499	46.214	ug/l	98
85) sec-Butylbenzene	11.890	105	240915	46.124	ug/l	99
86) p-Isopropyltoluene	12.012	119	203658	47.849	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	106775	49.359	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	112064	50.404	ug/l	97
89) n-Butylbenzene	12.335	91	175005	46.368	ug/l	98
90) Hexachloroethane	12.542	117	34714	40.841	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	108143	49.102	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17027	41.181	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	61297	51.399	ug/l	99
94) Hexachlorobutadiene	13.725	225	22476	48.281	ug/l	99
95) Naphthalene	13.774	128	232938	48.075	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	64229	50.292	ug/l	98

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

