

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035455.D
 Acq On : 01 May 2023 20:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 02 00:06:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/02/2023
 Supervised By : Mahesh Dadoda 05/03/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	207331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	364025	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	327943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	132819	53.099	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.200%			
35) Dibromofluoromethane	5.385	113	109370	48.951	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.900%			
50) Toluene-d8	8.647	98	376169	44.631	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 89.260%#			
62) 4-Bromofluorobenzene	11.079	95	147097	46.394	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	85718	39.073	ug/l	99
3) Chloromethane	1.294	50	84838	42.510	ug/l	100
4) Vinyl Chloride	1.374	62	85123	42.526	ug/l	99
5) Bromomethane	1.611	94	44221	33.239	ug/l	97
6) Chloroethane	1.691	64	50586	43.211	ug/l	98
7) Trichlorofluoromethane	1.886	101	128829	41.157	ug/l	100
8) Diethyl Ether	2.136	74	59638	52.255	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	82663	39.539	ug/l	96
10) Methyl Iodide	2.453	142	89626	33.968	ug/l	98
11) Tert butyl alcohol	2.989	59	133793m	293.766	ug/l	
12) 1,1-Dichloroethene	2.319	96	88384	43.891	ug/l	97
13) Acrolein	2.239	56	123091	274.821	ug/l	98
14) Allyl chloride	2.666	41	174388	49.210	ug/l	96
15) Acrylonitrile	3.068	53	323173	283.708	ug/l	99
16) Acetone	2.392	43	274399	252.584	ug/l	98
17) Carbon Disulfide	2.514	76	200383	41.510	ug/l	100
18) Methyl Acetate	2.703	43	247486	58.912	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	391835	56.718	ug/l	97
20) Methylene Chloride	2.788	84	120610	48.419	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	104048	47.575	ug/l	95
22) Diisopropyl ether	3.757	45	372821	53.165	ug/l	97
23) Vinyl Acetate	3.721	43	1363580	282.887	ug/l	98
24) 1,1-Dichloroethane	3.611	63	204715	51.827	ug/l	99
25) 2-Butanone	4.562	43	441663	278.535	ug/l	95
26) 2,2-Dichloropropane	4.471	77	137367	44.390	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	133695	52.006	ug/l	92
28) Bromochloromethane	4.897	49	87090	51.738	ug/l	85
29) Tetrahydrofuran	5.007	42	284529	279.914	ug/l	95
30) Chloroform	5.092	83	209606	52.565	ug/l	97
31) Cyclohexane	5.470	56	136343	38.426	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	167302	47.874	ug/l	96
36) 1,1-Dichloropropene	5.690	75	134935	38.678	ug/l	98
37) Ethyl Acetate	4.708	43	170909	53.637	ug/l	96
38) Carbon Tetrachloride	5.678	117	136192	41.123	ug/l	98
39) Methylcyclohexane	7.379	83	130434	30.715	ug/l	99
40) Benzene	6.037	78	453049	45.269	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	98830	54.130	ug/l	97
42) 1,2-Dichloroethane	6.086	62	171225	47.985	ug/l	97
43) Isopropyl Acetate	6.336	43	280673	52.422	ug/l	95
44) Trichloroethene	7.129	130	120793	43.813	ug/l	94
45) 1,2-Dichloropropane	7.433	63	120290	47.675	ug/l	100
46) Dibromomethane	7.580	93	85693	49.458	ug/l	92
47) Bromodichloromethane	7.824	83	160360	50.233	ug/l	97
48) Methyl methacrylate	7.690	41	139231	53.014	ug/l	92
49) 1,4-Dioxane	7.702	88	63479	991.588	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	860878	261.716	ug/l	96
52) Toluene	8.720	92	284773	44.891	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	174744	52.415	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	192845	51.176	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	126003	49.825	ug/l	97
56) Ethyl methacrylate	9.116	69	198968	52.815	ug/l #	89
57) 1,3-Dichloropropane	9.305	76	214632	49.620	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	541534	287.486	ug/l	95
59) 2-Hexanone	9.433	43	638644	258.442	ug/l	94
60) Dibromochloromethane	9.518	129	127829	52.757	ug/l	99
61) 1,2-Dibromoethane	9.610	107	131982	50.625	ug/l	99
64) Tetrachloroethene	9.275	164	96153	38.293	ug/l	98
65) Chlorobenzene	10.079	112	315119	44.413	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	120704	48.882	ug/l	99
67) Ethyl Benzene	10.195	91	523571	42.611	ug/l	99
68) m/p-Xylenes	10.299	106	407770	86.608	ug/l	98
69) o-Xylene	10.640	106	208071	45.068	ug/l	98
70) Styrene	10.659	104	355076	47.434	ug/l	96
71) Bromoform	10.799	173	91523	53.287	ug/l	98
73) Isopropylbenzene	10.963	105	497095	43.485	ug/l	99
74) N-amyl acetate	10.841	43	234586	54.606	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	187450	52.831	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	151592m	48.595	ug/l	
77) Bromobenzene	11.195	156	139058	48.937	ug/l	92
78) n-propylbenzene	11.305	91	547637	41.713	ug/l	99
79) 2-Chlorotoluene	11.366	91	365300	44.527	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	421177	43.696	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	46476	48.254	ug/l	98
82) 4-Chlorotoluene	11.457	91	414722	45.008	ug/l	97
83) tert-Butylbenzene	11.713	119	417793	43.199	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	434003	44.812	ug/l	100
85) sec-Butylbenzene	11.890	105	452265	38.124	ug/l	100
86) p-Isopropyltoluene	12.012	119	399934	39.639	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	240714	44.575	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	243860	43.070	ug/l	99
89) n-Butylbenzene	12.335	91	300996	35.339	ug/l	98
90) Hexachloroethane	12.542	117	64000	41.438	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	248195	45.953	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39063	54.905	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	138162	40.696	ug/l	99
94) Hexachlorobutadiene	13.725	225	45365	30.447	ug/l	98
95) Naphthalene	13.774	128	539821	51.650	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	138860	40.631	ug/l	99

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

