

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062623\
 Data File : VX036324.D
 Acq On : 26 Jun 2023 10:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 27 02:57:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

06/27/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	220155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	378407	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	346185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166154	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	159107	50.418	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.840%	
35) Dibromofluoromethane	5.385	113	124563	49.923	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.840%	
50) Toluene-d8	8.647	98	445017	47.753	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.500%	
62) 4-Bromofluorobenzene	11.079	95	164497	50.113	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.220%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	94110	45.152	ug/l	97
3) Chloromethane	1.294	50	148752	41.141	ug/l	100
4) Vinyl Chloride	1.374	62	155923	39.446	ug/l	99
5) Bromomethane	1.617	94	128127	44.298	ug/l	95
6) Chloroethane	1.691	64	132223	45.564	ug/l	97
7) Trichlorofluoromethane	1.886	101	258918	43.084	ug/l	99
8) Diethyl Ether	2.136	74	109666	47.272	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	117280	46.499	ug/l	96
10) Methyl Iodide	2.453	142	149408	48.888	ug/l	92
11) Tert butyl alcohol	3.007	59	159641	277.908	ug/l	98
12) 1,1-Dichloroethene	2.319	96	112814	45.090	ug/l	95
13) Acrolein	2.239	56	204887	259.708	ug/l	99
14) Allyl chloride	2.666	41	206249	50.724	ug/l	98
15) Acrylonitrile	3.068	53	360528	247.609	ug/l	99
16) Acetone	2.392	43	327999	243.167	ug/l	96
17) Carbon Disulfide	2.514	76	272058	44.274	ug/l	99
18) Methyl Acetate	2.709	43	283114	51.040	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	427225	52.837	ug/l	98
20) Methylene Chloride	2.788	84	134374	46.268	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	122580	45.912	ug/l	95
22) Diisopropyl ether	3.757	45	425638	52.241	ug/l	91
23) Vinyl Acetate	3.721	43	1609744	272.252	ug/l	98
24) 1,1-Dichloroethane	3.605	63	238016	49.570	ug/l	99
25) 2-Butanone	4.562	43	496640	256.258	ug/l	96
26) 2,2-Dichloropropane	4.471	77	193666	56.869	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	148933	49.739	ug/l	95
28) Bromochloromethane	4.897	49	122082	49.024	ug/l	91
29) Tetrahydrofuran	5.007	42	317036	256.941	ug/l	95
30) Chloroform	5.092	83	242619	50.167	ug/l	96
31) Cyclohexane	5.470	56	185266	45.812	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	201655	49.917	ug/l	99
36) 1,1-Dichloropropene	5.690	75	169204	45.494	ug/l	97
37) Ethyl Acetate	4.708	43	198411	52.341	ug/l	99
38) Carbon Tetrachloride	5.672	117	168724	49.670	ug/l	95
39) Methylcyclohexane	7.379	83	210784	47.317	ug/l	94
40) Benzene	6.037	78	513846	49.457	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	110648	52.617	ug/l	96
42) 1,2-Dichloroethane	6.086	62	206094	52.152	ug/l	99
43) Isopropyl Acetate	6.336	43	330324	54.624	ug/l	97
44) Trichloroethene	7.123	130	137859	47.705	ug/l	98
45) 1,2-Dichloropropane	7.427	63	143727	50.793	ug/l	99
46) Dibromomethane	7.580	93	102866	51.644	ug/l	94
47) Bromodichloromethane	7.818	83	188588	52.356	ug/l	97
48) Methyl methacrylate	7.690	41	163860	54.345	ug/l	94
49) 1,4-Dioxane	7.702	88	68789	1029.120	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	1018574	261.438	ug/l	99
52) Toluene	8.720	92	318051	48.304	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	211808	58.212	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	229236	55.732	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	140268	51.259	ug/l	95
56) Ethyl methacrylate	9.116	69	221643	54.151	ug/l	97
57) 1,3-Dichloropropane	9.305	76	236932	50.521	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	595855	259.040	ug/l	99
59) 2-Hexanone	9.427	43	763113	268.221	ug/l	98
60) Dibromochloromethane	9.519	129	141580	53.251	ug/l	100
61) 1,2-Dibromoethane	9.610	107	148209	51.035	ug/l	100
64) Tetrachloroethene	9.275	164	116351	47.600	ug/l	98
65) Chlorobenzene	10.079	112	359414	49.388	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	131417	53.426	ug/l	99
67) Ethyl Benzene	10.195	91	624515	48.271	ug/l	98
68) m/p-Xylenes	10.299	106	481286	95.750	ug/l	97
69) o-Xylene	10.640	106	238718	49.180	ug/l	99
70) Styrene	10.652	104	396034	49.831	ug/l	98
71) Bromoform	10.799	173	96777	54.852	ug/l #	99
73) Isopropylbenzene	10.963	105	602504	48.118	ug/l	98
74) N-amyl acetate	10.841	43	284434	57.429	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	214018	50.473	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	179229m	50.571	ug/l	
77) Bromobenzene	11.195	156	152825	49.636	ug/l	93
78) n-propylbenzene	11.305	91	712390	48.716	ug/l	100
79) 2-Chlorotoluene	11.366	91	425009	48.856	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	512585	48.338	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	63764	58.648	ug/l	92
82) 4-Chlorotoluene	11.451	91	497350	49.108	ug/l	97
83) tert-Butylbenzene	11.713	119	496882	48.893	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	515017	49.091	ug/l	97
85) sec-Butylbenzene	11.890	105	623564	48.434	ug/l	99
86) p-Isopropyltoluene	12.006	119	533432	49.370	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	280269	49.510	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	281742	48.878	ug/l	98
89) n-Butylbenzene	12.329	91	481624	50.087	ug/l	97
90) Hexachloroethane	12.536	117	84542	51.661	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	278526	49.969	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	46054	57.181	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	187237	54.536	ug/l	95
94) Hexachlorobutadiene	13.725	225	70911	50.431	ug/l	99
95) Naphthalene	13.774	128	620613	54.717	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	183674	54.845	ug/l	98

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

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