

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038272.D
 Acq On : 13 Oct 2023 09:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

10/16/2023
 Supervised By : Mahesh
 Dadoda

Quant Time: Oct 13 23:08:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	139878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	233849	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131386	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109920	48.857	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.720%
35) Dibromofluoromethane	5.385	113	87647	52.015	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.040%
50) Toluene-d8	8.647	98	325918	50.617	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.240%
62) 4-Bromofluorobenzene	11.079	95	129834	53.188	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	65123	48.233	ug/l	97
3) Chloromethane	1.294	50	61375	44.600	ug/l	98
4) Vinyl Chloride	1.374	62	72696	47.646	ug/l	97
5) Bromomethane	1.599	94	96870	48.312	ug/l	96
6) Chloroethane	1.678	64	56287	50.397	ug/l	98
7) Trichlorofluoromethane	1.886	101	148850	49.391	ug/l	99
8) Diethyl Ether	2.130	74	54114	48.145	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	66236	50.345	ug/l	97
10) Methyl Iodide	2.447	142	85594	45.216	ug/l	96
11) Tert butyl alcohol	2.953	59	109024	218.106	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	61196	47.818	ug/l	88
13) Acrolein	2.233	56	79891	249.784	ug/l	100
14) Allyl chloride	2.660	41	105656	46.157	ug/l	95
15) Acrylonitrile	3.056	53	248010	242.231	ug/l	99
16) Acetone	2.373	43	278483	296.583	ug/l	94
17) Carbon Disulfide	2.508	76	147857	40.086	ug/l	98
18) Methyl Acetate	2.697	43	197804	49.124	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	250513	49.150	ug/l	98
20) Methylene Chloride	2.788	84	79606	45.072	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	74361	46.929	ug/l	92
22) Diisopropyl ether	3.757	45	231901	48.338	ug/l	88
23) Vinyl Acetate	3.715	43	865343	245.958	ug/l	97
24) 1,1-Dichloroethane	3.605	63	136393	46.846	ug/l	99
25) 2-Butanone	4.550	43	379527	250.512	ug/l	92
26) 2,2-Dichloropropane	4.471	77	109330	48.096	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	90583	48.000	ug/l	91
28) Bromochloromethane	4.897	49	70430	53.586	ug/l	84
29) Tetrahydrofuran	4.995	42	228261	231.416	ug/l	88
30) Chloroform	5.086	83	156811	49.252	ug/l	96
31) Cyclohexane	5.464	56	110206	45.212	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	133914	49.106	ug/l	99
36) 1,1-Dichloropropene	5.690	75	109777	47.244	ug/l	97
37) Ethyl Acetate	4.708	43	136025	49.291	ug/l	98
38) Carbon Tetrachloride	5.672	117	114119	49.924	ug/l	98
39) Methylcyclohexane	7.379	83	130970	48.121	ug/l	90
40) Benzene	6.031	78	318614	49.024	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.910	41	68671	50.022	ug/l	#	89
42) 1,2-Dichloroethane	6.080	62	128353	49.431	ug/l		99
43) Isopropyl Acetate	6.336	43	203475	49.391	ug/l		96
44) Trichloroethene	7.123	130	86749	51.034	ug/l		99
45) 1,2-Dichloropropane	7.427	63	82429	49.004	ug/l		95
46) Dibromomethane	7.580	93	66881	51.265	ug/l		97
47) Bromodichloromethane	7.818	83	124563	53.672	ug/l		99
48) Methyl methacrylate	7.690	41	99600	50.644	ug/l	#	85
49) 1,4-Dioxane	7.653	88	46964	969.073	ug/l	#	87
51) 4-Methyl-2-Pentanone	8.574	43	729186	256.613	ug/l		97
52) Toluene	8.714	92	212724	50.247	ug/l		92
53) t-1,3-Dichloropropene	8.976	75	132604	53.229	ug/l		99
54) cis-1,3-Dichloropropene	8.360	75	137791	52.646	ug/l		92
55) 1,1,2-Trichloroethane	9.147	97	95213	52.580	ug/l		95
56) Ethyl methacrylate	9.116	69	144929	52.201	ug/l		92
57) 1,3-Dichloropropane	9.305	76	151515	51.734	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	336528	246.938	ug/l		99
59) 2-Hexanone	9.427	43	601707	263.397	ug/l		96
60) Dibromochloromethane	9.518	129	98874	55.790	ug/l		99
61) 1,2-Dibromoethane	9.610	107	104228	53.226	ug/l		99
64) Tetrachloroethene	9.275	164	74534	48.908	ug/l		97
65) Chlorobenzene	10.079	112	237233	48.159	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	89624	53.804	ug/l		100
67) Ethyl Benzene	10.195	91	426693	48.527	ug/l		99
68) m/p-Xylenes	10.299	106	333156	97.989	ug/l		98
69) o-Xylene	10.640	106	159866	48.177	ug/l		98
70) Styrene	10.652	104	275630	51.005	ug/l		97
71) Bromoform	10.799	173	74833	48.517	ug/l	#	100
73) Isopropylbenzene	10.963	105	432846	49.125	ug/l		99
74) N-amyl acetate	10.841	43	184691	49.085	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.213	83	164287	50.813	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	154035m	51.570	ug/l		
77) Bromobenzene	11.195	156	105522	49.053	ug/l		92
78) n-propylbenzene	11.305	91	525295	48.757	ug/l		99
79) 2-Chlorotoluene	11.366	91	300440	47.022	ug/l		96
80) 1,3,5-Trimethylbenzene	11.451	105	380236	50.020	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	45418	44.852	ug/l		94
82) 4-Chlorotoluene	11.451	91	367065	48.549	ug/l		97
83) tert-Butylbenzene	11.713	119	371241	49.980	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	374376	49.395	ug/l		98
85) sec-Butylbenzene	11.890	105	479457	49.830	ug/l		100
86) p-Isopropyltoluene	12.006	119	401560	50.583	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	208316	48.213	ug/l		98
88) 1,4-Dichlorobenzene	12.042	146	209965	47.599	ug/l		98
89) n-Butylbenzene	12.335	91	389706	49.292	ug/l		96
90) Hexachloroethane	12.536	117	67950	51.625	ug/l		94
91) 1,2-Dichlorobenzene	12.335	146	204224	49.173	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40178	51.397	ug/l		90
93) 1,2,4-Trichlorobenzene	13.585	180	137050	49.199	ug/l		97
94) Hexachlorobutadiene	13.725	225	58936	52.566	ug/l		98
95) Naphthalene	13.774	128	465017	47.936	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	133208	49.387	ug/l		98

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

