

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038292.D
 Acq On : 13 Oct 2023 18:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 13 23:17:12 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

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

10/16/2023
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	156079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	269520	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151942	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88899	35.412	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	70.820%#
35) Dibromofluoromethane	5.385	113	72177	37.165	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	74.340%#
50) Toluene-d8	8.647	98	262186	35.330	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	70.660%#
62) 4-Bromofluorobenzene	11.079	95	104840	37.264	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	74.520%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	63817	42.359	ug/l	96
3) Chloromethane	1.294	50	65668	42.766	ug/l	100
4) Vinyl Chloride	1.374	62	78425	46.065	ug/l	99
5) Bromomethane	1.599	94	102448	45.745	ug/l	97
6) Chloroethane	1.678	64	57774	46.654	ug/l	100
7) Trichlorofluoromethane	1.886	101	152038	45.212	ug/l	98
8) Diethyl Ether	2.130	74	57017	45.463	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	67618	46.060	ug/l	99
10) Methyl Iodide	2.453	142	90085	42.649	ug/l	96
11) Tert butyl alcohol	2.959	59	109631	195.408	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	63657	44.578	ug/l	88
13) Acrolein	2.233	56	79074	221.567	ug/l	99
14) Allyl chloride	2.666	41	106297	41.617	ug/l	95
15) Acrylonitrile	3.062	53	255422	223.575	ug/l	100
16) Acetone	2.380	43	228814	218.391	ug/l	93
17) Carbon Disulfide	2.508	76	147066	35.733	ug/l	97
18) Methyl Acetate	2.703	43	207680	46.223	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	258066	45.376	ug/l	98
20) Methylene Chloride	2.788	84	82357	41.790	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	76821	43.449	ug/l	87
22) Diisopropyl ether	3.757	45	236476	44.175	ug/l #	93
23) Vinyl Acetate	3.721	43	870084	221.635	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	140232	43.165	ug/l	99
25) 2-Butanone	4.550	43	366905	217.042	ug/l	90
26) 2,2-Dichloropropane	4.477	77	104700	41.278	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	94113	44.694	ug/l	88
28) Bromochloromethane	4.897	49	69736	47.550	ug/l #	81
29) Tetrahydrofuran	5.001	42	233148	211.836	ug/l #	86
30) Chloroform	5.092	83	165977	46.720	ug/l	97
31) Cyclohexane	5.470	56	106628	39.203	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	135703	44.597	ug/l	98
36) 1,1-Dichloropropene	5.690	75	105820	39.514	ug/l	96
37) Ethyl Acetate	4.708	43	138231	43.461	ug/l	97
38) Carbon Tetrachloride	5.678	117	115598	43.878	ug/l	99
39) Methylcyclohexane	7.379	83	125076	39.873	ug/l	91
40) Benzene	6.037	78	324203	43.282	ug/l	100

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41) Methacrylonitrile	4.916	41	69950	44.210	ug/l	#	87
42) 1,2-Dichloroethane	6.086	62	129834	43.384	ug/l		98
43) Isopropyl Acetate	6.336	43	204895	43.153	ug/l		96
44) Trichloroethene	7.129	130	87138	44.478	ug/l		95
45) 1,2-Dichloropropane	7.427	63	85146	43.920	ug/l		98
46) Dibromomethane	7.580	93	67648	44.990	ug/l		96
47) Bromodichloromethane	7.824	83	123724	46.255	ug/l		97
48) Methyl methacrylate	7.690	41	101031	44.573	ug/l	#	87
49) 1,4-Dioxane	7.659	88	50264	899.897	ug/l	#	86
51) 4-Methyl-2-Pentanone	8.574	43	741092	226.286	ug/l		95
52) Toluene	8.720	92	217255	44.526	ug/l		94
53) t-1,3-Dichloropropene	8.976	75	130686	45.517	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	137148	45.465	ug/l		90
55) 1,1,2-Trichloroethane	9.153	97	97700	46.813	ug/l		97
56) Ethyl methacrylate	9.116	69	146536	45.795	ug/l		92
57) 1,3-Dichloropropane	9.305	76	154108	45.655	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	328879	209.386	ug/l		98
59) 2-Hexanone	9.427	43	605990	230.163	ug/l		94
60) Dibromochloromethane	9.518	129	102101	49.986	ug/l		99
61) 1,2-Dibromoethane	9.610	107	107427	47.599	ug/l		99
64) Tetrachloroethene	9.275	164	73036	41.862	ug/l		98
65) Chlorobenzene	10.079	112	246169	43.651	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	91132	47.788	ug/l		99
67) Ethyl Benzene	10.195	91	436765	43.389	ug/l		99
68) m/p-Xylenes	10.299	106	336292	86.399	ug/l		99
69) o-Xylene	10.640	106	164723	43.361	ug/l		100
70) Styrene	10.652	104	283648	45.849	ug/l		97
71) Bromoform	10.799	173	75901	43.311	ug/l	#	99
73) Isopropylbenzene	10.963	105	437263	42.912	ug/l		99
74) N-amyl acetate	10.841	43	192695	44.284	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.213	83	174204	46.591	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	155981m	45.157	ug/l		
77) Bromobenzene	11.201	156	110894	44.576	ug/l		91
78) n-propylbenzene	11.305	91	526995	42.297	ug/l		100
79) 2-Chlorotoluene	11.366	91	309174	41.842	ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	379403	43.158	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	44982	38.991	ug/l		92
82) 4-Chlorotoluene	11.451	91	366679	41.936	ug/l		97
83) tert-Butylbenzene	11.713	119	386477	44.992	ug/l		94
84) 1,2,4-Trimethylbenzene	11.750	105	381341	43.507	ug/l		99
85) sec-Butylbenzene	11.890	105	480559	43.187	ug/l		100
86) p-Isopropyltoluene	12.006	119	399557	43.522	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	215350	43.098	ug/l		98
88) 1,4-Dichlorobenzene	12.042	146	219027	42.936	ug/l		98
89) n-Butylbenzene	12.335	91	381141	41.686	ug/l		97
90) Hexachloroethane	12.536	117	68047	44.704	ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	212167	44.174	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	41151	45.520	ug/l		85
93) 1,2,4-Trichlorobenzene	13.585	180	140155	43.507	ug/l		96
94) Hexachlorobutadiene	13.725	225	56786	43.797	ug/l		98
95) Naphthalene	13.774	128	493733	44.010	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	138291	44.335	ug/l		98

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

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