

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102423\
 Data File : VX038464.D
 Acq On : 24 Oct 2023 18:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 25 06:12:45 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 :John
 Carlone

10/25/2023
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	170776	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	280636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161989	50.000	ug/l	0.00

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System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127177	46.300	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.600%
35) Dibromofluoromethane	5.385	113	113470	56.113	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.220%
50) Toluene-d8	8.647	98	390505	50.537	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.080%
62) 4-Bromofluorobenzene	11.079	95	160336	54.732	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.460%

10/25/2023

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	93859	56.939	ug/l	98
3) Chloromethane	1.294	50	86090	51.241	ug/l	99
4) Vinyl Chloride	1.374	62	97892	52.551	ug/l	99
5) Bromomethane	1.599	94	100875	41.080	ug/l	99
6) Chloroethane	1.685	64	66683	49.020	ug/l	93
7) Trichlorofluoromethane	1.886	101	184080	50.029	ug/l	99
8) Diethyl Ether	2.136	74	65560	47.776	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	97822	60.900	ug/l	96
10) Methyl Iodide	2.453	142	128780	55.721	ug/l	93
11) Tert butyl alcohol	2.959	59	146376	241.006	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	91849	58.785	ug/l	84
13) Acrolein	2.233	56	165752	424.472	ug/l	99
14) Allyl chloride	2.666	41	140982	50.446	ug/l #	94
15) Acrylonitrile	3.062	53	320121	256.092	ug/l	99
16) Acetone	2.380	43	262883	229.315	ug/l #	88
17) Carbon Disulfide	2.514	76	232447	51.617	ug/l	97
18) Methyl Acetate	2.703	43	272878	55.507	ug/l #	90
19) Methyl tert-butyl Ether	3.111	73	337121	54.175	ug/l	98
20) Methylene Chloride	2.788	84	109966	50.997	ug/l #	84
21) trans-1,2-Dichloroethene	3.093	96	104679	54.110	ug/l	88
22) Diisopropyl ether	3.757	45	298120	50.897	ug/l #	93
23) Vinyl Acetate	3.721	43	1065732	248.109	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	185021	52.050	ug/l	99
25) 2-Butanone	4.550	43	437237	236.388	ug/l #	90
26) 2,2-Dichloropropane	4.477	77	146554	52.807	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	125017	54.261	ug/l	86
28) Bromochloromethane	4.897	49	78597	48.980	ug/l #	76
29) Tetrahydrofuran	5.001	42	283778	235.648	ug/l #	86
30) Chloroform	5.092	83	209521	53.901	ug/l	100
31) Cyclohexane	5.470	56	143027	48.060	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	183152	55.010	ug/l	97
36) 1,1-Dichloropropene	5.696	75	144090	51.673	ug/l	96
37) Ethyl Acetate	4.714	43	164080	49.545	ug/l	97
38) Carbon Tetrachloride	5.678	117	157976	57.588	ug/l	100
39) Methylcyclohexane	7.379	83	166270	50.905	ug/l	90
40) Benzene	6.037	78	428012	54.878	ug/l	98

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41) Methacrylonitrile	4.916	41	84119	51.059	ug/l	#	86
42) 1,2-Dichloroethane	6.086	62	159056	51.043	ug/l		97
43) Isopropyl Acetate	6.342	43	257737	52.132	ug/l	#	95
44) Trichloroethene	7.123	130	124107	60.839	ug/l		92
45) 1,2-Dichloropropane	7.427	63	108848	53.922	ug/l		99
46) Dibromomethane	7.580	93	87588	55.945	ug/l		93
47) Bromodichloromethane	7.824	83	165340	59.365	ug/l		98
48) Methyl methacrylate	7.696	41	123311	52.247	ug/l	#	83
49) 1,4-Dioxane	7.659	88	42492	730.619	ug/l	#	86
51) 4-Methyl-2-Pentanone	8.574	43	882803	258.879	ug/l		95
52) Toluene	8.720	92	283145	55.731	ug/l		95
53) t-1,3-Dichloropropene	8.976	75	170216	56.936	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	182126	57.984	ug/l	#	88
55) 1,1,2-Trichloroethane	9.153	97	124612	57.343	ug/l		96
56) Ethyl methacrylate	9.116	69	186933	56.105	ug/l		88
57) 1,3-Dichloropropane	9.305	76	195073	55.502	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	402790	246.285	ug/l		96
59) 2-Hexanone	9.427	43	710993	259.348	ug/l		94
60) Dibromochloromethane	9.518	129	137320	64.566	ug/l		99
61) 1,2-Dibromoethane	9.610	107	136091	57.911	ug/l		99
64) Tetrachloroethene	9.275	164	103010	57.386	ug/l		98
65) Chlorobenzene	10.079	112	321757	55.454	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	122976	62.678	ug/l		100
67) Ethyl Benzene	10.195	91	564712	54.526	ug/l		99
68) m/p-Xylenes	10.299	106	442456	110.486	ug/l		97
69) o-Xylene	10.640	106	219176	56.077	ug/l		97
70) Styrene	10.652	104	370322	58.180	ug/l		95
71) Bromoform	10.799	173	107252	58.414	ug/l	#	100
73) Isopropylbenzene	10.963	105	580653	53.450	ug/l		99
74) N-amyl acetate	10.841	43	237496	51.194	ug/l		95
75) 1,1,2,2-Tetrachloroethane	11.213	83	213001	53.434	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	190517m	51.734	ug/l		
77) Bromobenzene	11.195	156	150033	56.569	ug/l		85
78) n-propylbenzene	11.305	91	676910	50.960	ug/l		99
79) 2-Chlorotoluene	11.366	91	399509	50.714	ug/l		94
80) 1,3,5-Trimethylbenzene	11.451	105	493972	52.705	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	58800	46.895	ug/l		89
82) 4-Chlorotoluene	11.451	91	470969	50.523	ug/l		95
83) tert-Butylbenzene	11.713	119	493471	53.884	ug/l		95
84) 1,2,4-Trimethylbenzene	11.750	105	494480	52.916	ug/l		97
85) sec-Butylbenzene	11.890	105	613782	51.739	ug/l		99
86) p-Isopropyltoluene	12.006	119	518836	53.009	ug/l		97
87) 1,3-Dichlorobenzene	11.969	146	287553	53.979	ug/l		97
88) 1,4-Dichlorobenzene	12.042	146	292125	53.713	ug/l		97
89) n-Butylbenzene	12.335	91	465198	47.724	ug/l		97
90) Hexachloroethane	12.536	117	91411	56.329	ug/l		88
91) 1,2-Dichlorobenzene	12.335	146	287272	56.101	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	50341	52.232	ug/l		72
93) 1,2,4-Trichlorobenzene	13.585	180	185412	53.986	ug/l		97
94) Hexachlorobutadiene	13.725	225	63261	45.764	ug/l		97
95) Naphthalene	13.774	128	627306	52.449	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	178790	53.764	ug/l		97

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

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

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10-28

