

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038391.D
 Acq On : 20 Oct 2023 09:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 21 01:23:14 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 10/23/2023
 Supervised By :Mahesh Dadoda 10/23/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	159483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	265419	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	265209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	116023	45.230	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.460%		
35) Dibromofluoromethane	5.379	113	97169	50.807	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.620%		
50) Toluene-d8	8.647	98	356502	48.781	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.560%		
62) 4-Bromofluorobenzene	11.079	95	140447	50.692	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	81016	52.628	ug/l	100
3) Chloromethane	1.294	50	72443	46.171	ug/l	99
4) Vinyl Chloride	1.374	62	90519	52.034	ug/l	100
5) Bromomethane	1.599	94	120653	52.857	ug/l	96
6) Chloroethane	1.678	64	65964	51.681	ug/l	94
7) Trichlorofluoromethane	1.886	101	179989	52.381	ug/l	99
8) Diethyl Ether	2.130	74	61713	48.157	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.325	101	81939	54.624	ug/l	98
10) Methyl Iodide	2.453	142	100287	46.465	ug/l	94
11) Tert butyl alcohol	2.959	59	117783	206.055	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	75481	51.730	ug/l	86
13) Acrolein	2.233	56	72653	199.231	ug/l	99
14) Allyl chloride	2.660	41	123883	47.466	ug/l	94
15) Acrylonitrile	3.062	53	279400	239.343	ug/l	99
16) Acetone	2.373	43	247937	231.592	ug/l	92
17) Carbon Disulfide	2.508	76	186352	44.312	ug/l	100
18) Methyl Acetate	2.697	43	232607	50.666	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	281146	48.379	ug/l	99
20) Methylene Chloride	2.788	84	90513	44.948	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	89402	49.485	ug/l	88
22) Diisopropyl ether	3.757	45	267561	48.915	ug/l #	90
23) Vinyl Acetate	3.721	43	981053	244.568	ug/l #	95
24) 1,1-Dichloroethane	3.605	63	156703	47.205	ug/l	99
25) 2-Butanone	4.550	43	406563	235.368	ug/l #	89
26) 2,2-Dichloropropane	4.471	77	129166	49.837	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	105306	48.942	ug/l	91
28) Bromochloromethane	4.897	49	61861	41.280	ug/l	85
29) Tetrahydrofuran	4.995	42	262769	233.653	ug/l	89
30) Chloroform	5.092	83	183389	50.519	ug/l	99
31) Cyclohexane	5.464	56	131551	47.334	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	156271	50.260	ug/l	99
36) 1,1-Dichloropropene	5.690	75	130100	49.330	ug/l	97
37) Ethyl Acetate	4.708	43	152704	48.753	ug/l	97
38) Carbon Tetrachloride	5.678	117	138054	53.211	ug/l	97
39) Methylcyclohexane	7.379	83	158874	51.430	ug/l	92
40) Benzene	6.037	78	374700	50.797	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	76918	49.365	ug/l #	89
42) 1,2-Dichloroethane	6.080	62	144396	48.995	ug/l	99
43) Isopropyl Acetate	6.336	43	230104	49.211	ug/l	97
44) Trichloroethene	7.123	130	103547	53.670	ug/l	97
45) 1,2-Dichloropropane	7.427	63	97245	50.936	ug/l	98
46) Dibromomethane	7.580	93	76854	51.903	ug/l	97
47) Bromodichloromethane	7.818	83	143270	54.390	ug/l	98
48) Methyl methacrylate	7.690	41	113883	51.019	ug/l #	86
49) 1,4-Dioxane	7.659	88	47853	869.970	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	823872	255.449	ug/l	97
52) Toluene	8.714	92	252357	52.519	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	153116	54.153	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	160442	54.009	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	110154	53.596	ug/l	97
56) Ethyl methacrylate	9.116	69	164809	52.301	ug/l	92
57) 1,3-Dichloropropane	9.305	76	175576	52.819	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	364519	235.663	ug/l	98
59) 2-Hexanone	9.427	43	658461	253.956	ug/l	94
60) Dibromochloromethane	9.518	129	116962	58.147	ug/l	100
61) 1,2-Dibromoethane	9.610	107	121736	54.773	ug/l	100
64) Tetrachloroethene	9.275	164	91635	53.373	ug/l	98
65) Chlorobenzene	10.079	112	284936	51.343	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	105363	56.145	ug/l	99
67) Ethyl Benzene	10.195	91	514430	51.931	ug/l	100
68) m/p-Xylenes	10.299	106	398242	103.971	ug/l	98
69) o-Xylene	10.640	106	192188	51.410	ug/l	98
70) Styrene	10.652	104	324765	53.345	ug/l	96
71) Bromoform	10.799	173	86549	49.731	ug/l #	99
73) Isopropylbenzene	10.963	105	517157	52.765	ug/l	99
74) N-amyl acetate	10.841	43	212239	50.709	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	185217	51.500	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	172235m	51.839	ug/l	
77) Bromobenzene	11.195	156	125875	52.604	ug/l	90
78) n-propylbenzene	11.305	91	620416	51.769	ug/l	100
79) 2-Chlorotoluene	11.366	91	354718	49.909	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	443796	52.484	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	52448	46.409	ug/l	92
82) 4-Chlorotoluene	11.451	91	420743	50.027	ug/l	96
83) tert-Butylbenzene	11.713	119	435257	52.679	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	439478	52.127	ug/l	98
85) sec-Butylbenzene	11.890	105	566268	52.907	ug/l	100
86) p-Isopropyltoluene	12.012	119	469595	53.179	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	242181	50.389	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	246553	50.248	ug/l	98
89) n-Butylbenzene	12.335	91	447301	50.862	ug/l	97
90) Hexachloroethane	12.536	117	79817	54.516	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	237327	51.371	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	43133	49.604	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	160583	51.824	ug/l	96
94) Hexachlorobutadiene	13.725	225	68105	54.609	ug/l	97
95) Naphthalene	13.774	128	532206	49.321	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	153995	51.327	ug/l	97

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

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