

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
 Data File : VX037911.D
 Acq On : 27 Sep 2023 09:50
 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 : John Carlone 09/28/2023
 Supervised By : Semsettin Yesilyurt 09/28/2023

Quant Time: Sep 28 01:14:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	251778	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	406648	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	394560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	229546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	160952	48.656	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.320%		
35) Dibromofluoromethane	5.379	113	140269	51.552	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.100%		
50) Toluene-d8	8.647	98	515212	50.961	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.920%		
62) 4-Bromofluorobenzene	11.079	95	205503	55.939	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.880%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	112765	42.492	ug/l	100
3) Chloromethane	1.295	50	117783	40.791	ug/l	98
4) Vinyl Chloride	1.374	62	134753	43.258	ug/l	100
5) Bromomethane	1.605	94	99791	44.748	ug/l	99
6) Chloroethane	1.685	64	91261	42.526	ug/l	99
7) Trichlorofluoromethane	1.886	101	234093	46.743	ug/l	100
8) Diethyl Ether	2.130	74	87467	45.080	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	123710	48.674	ug/l	96
10) Methyl Iodide	2.453	142	151248	44.968	ug/l	92
11) Tert butyl alcohol	2.953	59	139126	195.938	ug/l	# 93
12) 1,1-Dichloroethene	2.319	96	110785	45.102	ug/l	86
13) Acrolein	2.233	56	134624	191.919	ug/l	99
14) Allyl chloride	2.660	41	186265	45.530	ug/l	# 95
15) Acrylonitrile	3.056	53	349287	221.250	ug/l	99
16) Acetone	2.374	43	339287	213.208	ug/l	91
17) Carbon Disulfide	2.514	76	255453	41.480	ug/l	100
18) Methyl Acetate	2.697	43	254173	44.276	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	425538	47.095	ug/l	100
20) Methylene Chloride	2.788	84	137785	46.831	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	128494	47.110	ug/l	90
22) Diisopropyl ether	3.757	45	408331	47.917	ug/l	87
23) Vinyl Acetate	3.715	43	1477576	235.731	ug/l	96
24) 1,1-Dichloroethane	3.605	63	236812	46.375	ug/l	98
25) 2-Butanone	4.544	43	474337	211.226	ug/l	90
26) 2,2-Dichloropropane	4.471	77	209687	50.819	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	158649	47.445	ug/l	90
28) Bromochloromethane	4.891	49	109402	45.924	ug/l	# 82
29) Tetrahydrofuran	4.995	42	290525	207.989	ug/l	89
30) Chloroform	5.087	83	262191	47.663	ug/l	96
31) Cyclohexane	5.464	56	194476	45.804	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	230786	49.549	ug/l	98
36) 1,1-Dichloropropene	5.690	75	183475	48.950	ug/l	97
37) Ethyl Acetate	4.709	43	181676	44.090	ug/l	96
38) Carbon Tetrachloride	5.672	117	198683	50.662	ug/l	99
39) Methylcyclohexane	7.379	83	226925	47.702	ug/l	93
40) Benzene	6.031	78	545865	47.359	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	98998	47.118	ug/l #	89
42) 1,2-Dichloroethane	6.080	62	199761	47.951	ug/l	96
43) Isopropyl Acetate	6.336	43	305887	46.425	ug/l #	95
44) Trichloroethene	7.123	130	150110	46.765	ug/l	93
45) 1,2-Dichloropropane	7.428	63	144004	48.109	ug/l	98
46) Dibromomethane	7.580	93	106563	49.491	ug/l	93
47) Bromodichloromethane	7.818	83	207271	52.268	ug/l	98
48) Methyl methacrylate	7.690	41	144703	45.941	ug/l #	85
49) 1,4-Dioxane	7.653	88	61969	750.457	ug/l #	90
51) 4-Methyl-2-Pentanone	8.568	43	947609	226.681	ug/l	95
52) Toluene	8.714	92	363092	48.879	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	226452	54.613	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	238534	51.979	ug/l #	89
55) 1,1,2-Trichloroethane	9.147	97	156740	50.046	ug/l	96
56) Ethyl methacrylate	9.116	69	230142	49.223	ug/l	90
57) 1,3-Dichloropropane	9.305	76	248427	49.019	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	472384	216.368	ug/l	99
59) 2-Hexanone	9.427	43	741825	227.915	ug/l	93
60) Dibromochloromethane	9.519	129	169199	54.231	ug/l	100
61) 1,2-Dibromoethane	9.610	107	165939	50.043	ug/l	100
64) Tetrachloroethene	9.275	164	128173	47.633	ug/l	96
65) Chlorobenzene	10.080	112	411279	48.325	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	157214	52.126	ug/l	99
67) Ethyl Benzene	10.189	91	732475	49.641	ug/l	100
68) m/p-Xylenes	10.299	106	566938	99.433	ug/l	97
69) o-Xylene	10.640	106	281669	49.264	ug/l	97
70) Styrene	10.653	104	477335	52.003	ug/l	96
71) Bromoform	10.799	173	129922	54.530	ug/l #	99
73) Isopropylbenzene	10.964	105	752252	44.669	ug/l	99
74) N-amyl acetate	10.842	43	291193	42.695	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	256454	43.300	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	232243m	43.744	ug/l	
77) Bromobenzene	11.195	156	187134	44.895	ug/l	88
78) n-propylbenzene	11.305	91	896768	47.151	ug/l	99
79) 2-Chlorotoluene	11.360	91	522582	44.563	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	654371	46.012	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	76566	46.197	ug/l	87
82) 4-Chlorotoluene	11.451	91	621022	47.039	ug/l	95
83) tert-Butylbenzene	11.713	119	662615	46.099	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	656437	46.391	ug/l	98
85) sec-Butylbenzene	11.890	105	840470	48.197	ug/l	99
86) p-Isopropyltoluene	12.006	119	713445	49.106	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	373106	48.019	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	383029	48.174	ug/l	98
89) n-Butylbenzene	12.329	91	684503	53.781	ug/l	97
90) Hexachloroethane	12.536	117	124829	50.710	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	370388	46.689	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	52195	44.210	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	252725	54.082	ug/l	97
94) Hexachlorobutadiene	13.725	225	117064	53.645	ug/l	99
95) Naphthalene	13.774	128	755239	47.788	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	245146	50.977	ug/l	97

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

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