

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081023\
 Data File : VX036926.D
 Acq On : 10 Aug 2023 20:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 11 01:52:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/11/2023
 Supervised By : Mahesh Dadoda 08/11/2023

Supervised By : Mahesh
 Dadoda
 08/11/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	129006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	226465	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93917	49.201	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.400%		
35) Dibromofluoromethane	5.385	113	79181	50.868	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.740%		
50) Toluene-d8	8.646	98	254527	46.110	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.220%		
62) 4-Bromofluorobenzene	11.079	95	104921	50.379	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.760%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	88708	52.052	ug/l	98
3) Chloromethane	1.300	50	75154	48.485	ug/l	100
4) Vinyl Chloride	1.373	62	83485	52.901	ug/l	100
5) Bromomethane	1.599	94	40254	42.724	ug/l	99
6) Chloroethane	1.678	64	54032	70.421	ug/l	100
7) Trichlorofluoromethane	1.886	101	147462	60.507	ug/l	99
8) Diethyl Ether	2.135	74	54571	57.877	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.324	101	79629	54.384	ug/l	98
10) Methyl Iodide	2.452	142	98284	64.627	ug/l	94
11) Tert butyl alcohol	2.965	59	119688	264.852	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	77326	53.529	ug/l	85
13) Acrolein	2.239	56	73165	283.693	ug/l	98
14) Allyl chloride	2.666	41	128513	45.179	ug/l #	95
15) Acrylonitrile	3.062	53	240191	264.294	ug/l	99
16) Acetone	2.379	43	202989	256.269	ug/l	91
17) Carbon Disulfide	2.513	76	186172	46.696	ug/l	99
18) Methyl Acetate	2.702	43	171200	51.378	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	303365	55.885	ug/l	98
20) Methylene Chloride	2.788	84	91593	51.995	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	87406	54.139	ug/l	89
22) Diisopropyl ether	3.763	45	264552	48.983	ug/l #	84
23) Vinyl Acetate	3.721	43	1041265	251.336	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	161981	53.492	ug/l	97
25) 2-Butanone	4.556	43	327748	255.032	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	125010	43.812	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	105270	54.897	ug/l	90
28) Bromochloromethane	4.897	49	68146	46.532	ug/l #	82
29) Tetrahydrofuran	5.007	42	210867	254.503	ug/l #	87
30) Chloroform	5.092	83	176135	56.854	ug/l	95
31) Cyclohexane	5.470	56	124770	47.209	ug/l	86
32) 1,1,1-Trichloroethane	5.385	97	158665	55.894	ug/l	98
36) 1,1-Dichloropropene	5.690	75	120782	52.059	ug/l	97
37) Ethyl Acetate	4.714	43	129702	49.392	ug/l #	95
38) Carbon Tetrachloride	5.678	117	135834	55.070	ug/l	99
39) Methylcyclohexane	7.378	83	129039	44.728	ug/l	91
40) Benzene	6.037	78	360821	53.453	ug/l	99

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41) Methacrylonitrile	4.922	41	70184	49.971	ug/l	#	90
42) 1,2-Dichloroethane	6.086	62	142584	57.773	ug/l		96
43) Isopropyl Acetate	6.342	43	216029	47.791	ug/l	#	93
44) Trichloroethene	7.128	130	99488	56.386	ug/l		94
45) 1,2-Dichloropropane	7.427	63	92605	51.383	ug/l		99
46) Dibromomethane	7.580	93	71024	56.309	ug/l		96
47) Bromodichloromethane	7.823	83	140638	54.320	ug/l		97
48) Methyl methacrylate	7.689	41	103533	49.250	ug/l	#	87
49) 1,4-Dioxane	7.659	88	47787	1125.251	ug/l	#	88
51) 4-Methyl-2-Pentanone	8.573	43	640045	255.864	ug/l		93
52) Toluene	8.720	92	232066	54.867	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	148564	50.769	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	156818	50.785	ug/l		90
55) 1,1,2-Trichloroethane	9.152	97	98952	55.655	ug/l		98
56) Ethyl methacrylate	9.116	69	154707	53.437	ug/l		91
57) 1,3-Dichloropropane	9.311	76	165092	55.750	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	324874	227.739	ug/l		94
59) 2-Hexanone	9.427	43	483600	260.486	ug/l		91
60) Dibromochloromethane	9.524	129	109424	55.996	ug/l		99
61) 1,2-Dibromoethane	9.610	107	105058	57.014	ug/l		100
64) Tetrachloroethene	9.274	164	90085	59.387	ug/l		97
65) Chlorobenzene	10.079	112	250017	55.772	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	97910	56.508	ug/l		99
67) Ethyl Benzene	10.195	91	444041	54.222	ug/l		100
68) m/p-Xylenes	10.299	106	342680	112.150	ug/l		97
69) o-Xylene	10.640	106	169155	55.461	ug/l		100
70) Styrene	10.658	104	282141	56.069	ug/l		98
71) Bromoform	10.799	173	77938	55.567	ug/l	#	100
73) Isopropylbenzene	10.963	105	434305	50.267	ug/l		98
74) N-amyl acetate	10.841	43	182587	45.318	ug/l		93
75) 1,1,2,2-Tetrachloroethane	11.213	83	147852	50.666	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	123816m	50.422	ug/l		
77) Bromobenzene	11.201	156	106516	54.135	ug/l		93
78) n-propylbenzene	11.305	91	493545	49.393	ug/l		99
79) 2-Chlorotoluene	11.366	91	306803	50.670	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	370146	51.210	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	45789	42.264	ug/l		88
82) 4-Chlorotoluene	11.451	91	355622	51.547	ug/l		98
83) tert-Butylbenzene	11.713	119	347850	48.988	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	371526	51.397	ug/l		97
85) sec-Butylbenzene	11.890	105	420475	47.483	ug/l		99
86) p-Isopropyltoluene	12.006	119	356660	48.948	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	199552	54.758	ug/l		98
88) 1,4-Dichlorobenzene	12.042	146	198528	54.894	ug/l		99
89) n-Butylbenzene	12.335	91	296053	45.388	ug/l		99
90) Hexachloroethane	12.536	117	65414	44.283	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	196932	55.999	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	36325	53.568	ug/l		87
93) 1,2,4-Trichlorobenzene	13.585	180	115919	53.502	ug/l		97
94) Hexachlorobutadiene	13.725	225	41814	46.649	ug/l		98
95) Naphthalene	13.774	128	433120	57.365	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	115121	53.910	ug/l		99

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

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