

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
 Data File : VX037741.D
 Acq On : 14 Sep 2023 20:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 15 01:37:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	214462	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	359772	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155391	44.783	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.560%		
35) Dibromofluoromethane	5.391	113	132650	52.017	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.040%		
50) Toluene-d8	8.653	98	479635	49.871	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.740%		
62) 4-Bromofluorobenzene	11.079	95	178709	51.505	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	91060	38.727	ug/l	99
3) Chloromethane	1.300	50	103226	38.536	ug/l	99
4) Vinyl Chloride	1.374	62	115400	38.297	ug/l	99
5) Bromomethane	1.599	94	107300	42.571	ug/l	98
6) Chloroethane	1.678	64	82200	39.675	ug/l	97
7) Trichlorofluoromethane	1.880	101	191687	38.449	ug/l	100
8) Diethyl Ether	2.136	74	79831	40.347	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	94683	42.367	ug/l	95
10) Methyl Iodide	2.453	142	134967	51.138	ug/l	92
11) Tert butyl alcohol	2.965	59	162580	225.279	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	94319	42.747	ug/l	85
13) Acrolein	2.239	56	136017	239.922	ug/l	98
14) Allyl chloride	2.660	41	159294	41.211	ug/l	# 95
15) Acrylonitrile	3.062	53	345111	216.875	ug/l	99
16) Acetone	2.380	43	284519	202.822	ug/l	# 89
17) Carbon Disulfide	2.508	76	204489	36.457	ug/l	98
18) Methyl Acetate	2.703	43	254272	42.922	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	381847	43.836	ug/l	98
20) Methylene Chloride	2.788	84	124169	45.668	ug/l	# 89
21) trans-1,2-Dichloroethene	3.093	96	105955	41.739	ug/l	89
22) Diisopropyl ether	3.763	45	361458	42.925	ug/l	# 86
23) Vinyl Acetate	3.721	43	1339621	218.104	ug/l	95
24) 1,1-Dichloroethane	3.611	63	208684	42.527	ug/l	98
25) 2-Butanone	4.556	43	470764	205.814	ug/l	# 90
26) 2,2-Dichloropropane	4.477	77	140218	41.079	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	137251	44.337	ug/l	88
28) Bromochloromethane	4.903	49	112750	45.479	ug/l	# 83
29) Tetrahydrofuran	5.007	42	308297	211.656	ug/l	90
30) Chloroform	5.092	83	226614	42.762	ug/l	98
31) Cyclohexane	5.470	56	154157	38.582	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	190262	43.137	ug/l	97
36) 1,1-Dichloropropene	5.690	75	143689	41.420	ug/l	96
37) Ethyl Acetate	4.714	43	185694	46.781	ug/l	97
38) Carbon Tetrachloride	5.678	117	158507	44.726	ug/l	98
39) Methylcyclohexane	7.379	83	177608	43.266	ug/l	93
40) Benzene	6.037	78	469333	44.627	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	97100	46.442	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	177525	43.188	ug/l	98
43) Isopropyl Acetate	6.342	43	292409	46.175	ug/l	95
44) Trichloroethene	7.123	130	160133	60.943	ug/l	98
45) 1,2-Dichloropropane	7.433	63	126150	45.452	ug/l	97
46) Dibromomethane	7.580	93	94098	46.603	ug/l	94
47) Bromodichloromethane	7.824	83	172830	47.415	ug/l	97
48) Methyl methacrylate	7.696	41	141638	46.269	ug/l #	88
49) 1,4-Dioxane	7.659	88	75781	999.189	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	965182	232.113	ug/l	95
52) Toluene	8.720	92	301366	44.568	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	179764	48.644	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	193981	47.837	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	137894	48.429	ug/l	94
56) Ethyl methacrylate	9.116	69	212855	48.860	ug/l	91
57) 1,3-Dichloropropane	9.311	76	218060	45.657	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	554243	262.382	ug/l	99
59) 2-Hexanone	9.433	43	743570	231.661	ug/l	93
60) Dibromochloromethane	9.525	129	139983	50.051	ug/l	99
61) 1,2-Dibromoethane	9.610	107	146469	47.857	ug/l	100
64) Tetrachloroethene	9.275	164	102008	46.700	ug/l	99
65) Chlorobenzene	10.079	112	334237	46.513	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	129215	52.175	ug/l	99
67) Ethyl Benzene	10.195	91	587126	45.912	ug/l	99
68) m/p-Xylenes	10.305	106	457976	93.924	ug/l	96
69) o-Xylene	10.640	106	230053	47.322	ug/l	99
70) Styrene	10.659	104	383390	48.338	ug/l	96
71) Bromoform	10.799	173	105415	54.397	ug/l #	99
73) Isopropylbenzene	10.963	105	598763	46.170	ug/l	98
74) N-amyl acetate	10.841	43	268093	47.406	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	224906	46.342	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	199864m	52.483	ug/l	
77) Bromobenzene	11.201	156	151030	49.142	ug/l	88
78) n-propylbenzene	11.305	91	679283	45.527	ug/l	99
79) 2-Chlorotoluene	11.366	91	416000	45.294	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	513565	47.118	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	60656	48.416	ug/l	90
82) 4-Chlorotoluene	11.457	91	472041	44.992	ug/l	96
83) tert-Butylbenzene	11.713	119	524067	47.862	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	512092	46.602	ug/l	97
85) sec-Butylbenzene	11.890	105	629782	46.589	ug/l	99
86) p-Isopropyltoluene	12.012	119	530449	47.887	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	275667	46.714	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	275466	45.420	ug/l	97
89) n-Butylbenzene	12.335	91	458815	45.733	ug/l	97
90) Hexachloroethane	12.536	117	90033	48.167	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	278193	47.118	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	47505	47.671	ug/l	78
93) 1,2,4-Trichlorobenzene	13.585	180	171120	48.667	ug/l	97
94) Hexachlorobutadiene	13.725	225	75669	51.518	ug/l	98
95) Naphthalene	13.774	128	617605	48.490	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	176372	48.888	ug/l	98

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

