

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037096.D
 Acq On : 18 Aug 2023 19:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 19 05:24:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/21/2023
 Supervised By :Mahesh Dadoda 08/21/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	161001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	273723	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	120340	51.846	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.700%			
35) Dibromofluoromethane	5.385	113	99194	54.719	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.440%			
50) Toluene-d8	8.647	98	355642	54.084	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.160%			
62) 4-Bromofluorobenzene	11.079	95	135741	52.528	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	102766	54.949	ug/l	100
3) Chloromethane	1.294	50	81839	50.019	ug/l	97
4) Vinyl Chloride	1.374	62	92041	51.681	ug/l	97
5) Bromomethane	1.599	94	40943	46.153	ug/l	100
6) Chloroethane	1.678	64	50141	47.843	ug/l	97
7) Trichlorofluoromethane	1.880	101	159569	54.696	ug/l	99
8) Diethyl Ether	2.136	74	56478	50.039	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	88709	52.123	ug/l	98
10) Methyl Iodide	2.453	142	109173	52.779	ug/l	94
11) Tert butyl alcohol	2.965	59	128935	236.804	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	85144	51.374	ug/l	86
13) Acrolein	2.239	56	92781	223.995	ug/l	98
14) Allyl chloride	2.660	41	130606	50.913	ug/l #	94
15) Acrylonitrile	3.062	53	240421	247.390	ug/l	99
16) Acetone	2.380	43	211510	232.929	ug/l	92
17) Carbon Disulfide	2.508	76	206148	48.900	ug/l	100
18) Methyl Acetate	2.703	43	169271	49.509	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	315925	50.261	ug/l	97
20) Methylene Chloride	2.788	84	93488	46.038	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	94783	50.309	ug/l	88
22) Diisopropyl ether	3.763	45	264651	50.276	ug/l #	84
23) Vinyl Acetate	3.721	43	1034974	256.569	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	166089	50.314	ug/l	96
25) 2-Butanone	4.556	43	330789	241.939	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	130606	44.303	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	110881	49.922	ug/l	89
28) Bromochloromethane	4.897	49	73599	49.910	ug/l #	77
29) Tetrahydrofuran	5.001	42	213702	245.091	ug/l #	84
30) Chloroform	5.099	83	186352	50.289	ug/l	97
31) Cyclohexane	5.470	56	135482	51.911	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	172395	51.916	ug/l	97
36) 1,1-Dichloropropene	5.696	75	132457	51.430	ug/l	97
37) Ethyl Acetate	4.714	43	131029	49.804	ug/l #	94
38) Carbon Tetrachloride	5.678	117	150140	53.665	ug/l	98
39) Methylcyclohexane	7.379	83	143483	53.025	ug/l	91
40) Benzene	6.037	78	380435	51.504	ug/l	99

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41) Methacrylonitrile	4.922	41	68510	50.092	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	147087	50.778	ug/l	96
43) Isopropyl Acetate	6.342	43	214122	51.264	ug/l #	92
44) Trichloroethene	7.123	130	106501	50.848	ug/l	95
45) 1,2-Dichloropropane	7.427	63	94113	51.674	ug/l	99
46) Dibromomethane	7.580	93	73817	51.448	ug/l	95
47) Bromodichloromethane	7.824	83	146064	53.150	ug/l	96
48) Methyl methacrylate	7.690	41	104438	51.271	ug/l #	87
49) 1,4-Dioxane	7.659	88	54391	991.468	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	632823	249.506	ug/l	91
52) Toluene	8.720	92	248828	50.985	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	154894	52.935	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	162172	51.286	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	101717	51.184	ug/l	98
56) Ethyl methacrylate	9.116	69	160578	51.586	ug/l	87
57) 1,3-Dichloropropane	9.305	76	169804	50.686	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	375499	251.369	ug/l	91
59) 2-Hexanone	9.427	43	482899	249.706	ug/l	89
60) Dibromochloromethane	9.518	129	111938	52.904	ug/l	99
61) 1,2-Dibromoethane	9.610	107	111576	51.280	ug/l	99
64) Tetrachloroethene	9.275	164	93198	51.399	ug/l	99
65) Chlorobenzene	10.079	112	265267	50.496	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	102612	52.924	ug/l	99
67) Ethyl Benzene	10.195	91	473863	51.263	ug/l	99
68) m/p-Xylenes	10.299	106	367835	103.044	ug/l	98
69) o-Xylene	10.640	106	178728	50.747	ug/l	99
70) Styrene	10.652	104	301048	51.892	ug/l	98
71) Bromoform	10.799	173	78459	54.099	ug/l #	98
73) Isopropylbenzene	10.963	105	471047	52.201	ug/l	100
74) N-amyl acetate	10.841	43	179770	51.271	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	150972	49.678	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	128607m	48.642	ug/l	
77) Bromobenzene	11.195	156	111205	50.460	ug/l	93
78) n-propylbenzene	11.305	91	526050	52.353	ug/l	99
79) 2-Chlorotoluene	11.366	91	324853	50.591	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	395783	52.579	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	47245	49.909	ug/l	87
82) 4-Chlorotoluene	11.451	91	377280	50.900	ug/l	98
83) tert-Butylbenzene	11.713	119	372677	51.913	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	393740	51.756	ug/l	98
85) sec-Butylbenzene	11.890	105	446296	53.224	ug/l	98
86) p-Isopropyltoluene	12.006	119	383438	53.120	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	209208	50.704	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	209364	49.113	ug/l	98
89) n-Butylbenzene	12.329	91	316952	52.961	ug/l	99
90) Hexachloroethane	12.536	117	65308	54.206	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	206627	51.141	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36904	52.262	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	121205	51.269	ug/l	98
94) Hexachlorobutadiene	13.725	225	47706	52.235	ug/l	98
95) Naphthalene	13.774	128	465239	44.926	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	121721	51.824	ug/l	98

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

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