

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072523\
 Data File : VX036665.D
 Acq On : 25 Jul 2023 19:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 26 06:30:02 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 :Mahesh Dadoda 07/26/2023
 Supervised By :Semsettin Yesilyurt 07/27/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	146946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	257054	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98448	45.278	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.560%		
35) Dibromofluoromethane	5.385	113	80147	45.362	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.720%		
50) Toluene-d8	8.647	98	285871	45.625	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.260%#		
62) 4-Bromofluorobenzene	11.079	95	110430	46.715	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	96482	49.702	ug/l	98
3) Chloromethane	1.294	50	87599	49.614	ug/l	99
4) Vinyl Chloride	1.374	62	97825	54.419	ug/l	99
5) Bromomethane	1.618	94	60831	56.682	ug/l	98
6) Chloroethane	1.685	64	53936	61.714	ug/l	98
7) Trichlorofluoromethane	1.886	101	161481	58.170	ug/l	99
8) Diethyl Ether	2.136	74	58854	54.799	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	91755	55.015	ug/l	98
10) Methyl Iodide	2.453	142	101883	58.814	ug/l	93
11) Tert butyl alcohol	2.989	59	144618	280.949	ug/l #	95
12) 1,1-Dichloroethene	2.319	96	88904	54.031	ug/l	92
13) Acrolein	2.239	56	58128	197.871	ug/l	97
14) Allyl chloride	2.666	41	163268	50.390	ug/l	94
15) Acrylonitrile	3.068	53	285197	275.504	ug/l	99
16) Acetone	2.392	43	236838	262.499	ug/l	93
17) Carbon Disulfide	2.514	76	223325	49.177	ug/l	100
18) Methyl Acetate	2.703	43	210546	55.471	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	345876	55.937	ug/l	99
20) Methylene Chloride	2.788	84	103428	51.545	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	98185	53.391	ug/l	91
22) Diisopropyl ether	3.763	45	331386	53.866	ug/l #	84
23) Vinyl Acetate	3.721	43	1299522	275.378	ug/l	95
24) 1,1-Dichloroethane	3.611	63	188590	54.676	ug/l	97
25) 2-Butanone	4.562	43	397210	271.348	ug/l	94
26) 2,2-Dichloropropane	4.477	77	147307	45.324	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	118685	54.337	ug/l	92
28) Bromochloromethane	4.897	49	92295	55.328	ug/l	92
29) Tetrahydrofuran	5.007	42	257207	272.533	ug/l	93
30) Chloroform	5.099	83	197169	55.874	ug/l	99
31) Cyclohexane	5.470	56	156124	51.860	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	177281	54.828	ug/l	98
36) 1,1-Dichloropropene	5.696	75	139705	53.050	ug/l	98
37) Ethyl Acetate	4.715	43	162049	54.366	ug/l	97
38) Carbon Tetrachloride	5.678	117	153525	54.835	ug/l	98
39) Methylcyclohexane	7.385	83	168986	51.605	ug/l	92
40) Benzene	6.037	78	413139	53.921	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	88754	55.673	ug/l	93
42) 1,2-Dichloroethane	6.086	62	157024	56.053	ug/l	96
43) Isopropyl Acetate	6.342	43	273259	53.258	ug/l	97
44) Trichloroethene	7.129	130	110325	55.087	ug/l	96
45) 1,2-Dichloropropane	7.427	63	110746	54.137	ug/l	99
46) Dibromomethane	7.580	93	78567	54.877	ug/l	96
47) Bromodichloromethane	7.824	83	161589	54.985	ug/l	98
48) Methyl methacrylate	7.690	41	128729	53.949	ug/l	91
49) 1,4-Dioxane	7.702	88	53675	1113.496	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	795749	280.254	ug/l	96
52) Toluene	8.720	92	266315	55.472	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	177236	53.360	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	186080	53.091	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	111747	55.373	ug/l	97
56) Ethyl methacrylate	9.116	69	182752	55.612	ug/l	95
57) 1,3-Dichloropropane	9.311	76	186934	55.614	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	438643	270.901	ug/l	98
59) 2-Hexanone	9.433	43	588894	279.455	ug/l	95
60) Dibromochloromethane	9.519	129	124568	56.160	ug/l	99
61) 1,2-Dibromoethane	9.610	107	118456	56.636	ug/l	100
64) Tetrachloroethene	9.275	164	98062	56.374	ug/l	97
65) Chlorobenzene	10.079	112	280916	54.646	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	111250	55.991	ug/l	99
67) Ethyl Benzene	10.195	91	511856	54.504	ug/l	99
68) m/p-Xylenes	10.299	106	388871	110.982	ug/l	98
69) o-Xylene	10.640	106	193146	55.224	ug/l	99
70) Styrene	10.652	104	320323	55.511	ug/l	98
71) Bromoform	10.799	173	89343	55.547	ug/l #	99
73) Isopropylbenzene	10.963	105	500544	54.019	ug/l	99
74) N-amyl acetate	10.841	43	225607	52.212	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	167491	53.518	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	140021m	53.169	ug/l	
77) Bromobenzene	11.201	156	116373	55.148	ug/l	96
78) n-propylbenzene	11.305	91	580295	54.151	ug/l	100
79) 2-Chlorotoluene	11.366	91	348962	53.739	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	427033	55.089	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	58198	50.089	ug/l	85
82) 4-Chlorotoluene	11.451	91	400162	54.084	ug/l	99
83) tert-Butylbenzene	11.713	119	410054	53.847	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	421559	54.378	ug/l	97
85) sec-Butylbenzene	11.890	105	523238	55.095	ug/l	99
86) p-Isopropyltoluene	12.006	119	433832	55.516	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	215212	55.065	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	215439	55.545	ug/l	99
89) n-Butylbenzene	12.329	91	384015	54.895	ug/l	99
90) Hexachloroethane	12.536	117	84806	53.532	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	210055	55.695	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38615	53.097	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	127178	54.733	ug/l	98
94) Hexachlorobutadiene	13.725	225	49429	51.419	ug/l	99
95) Naphthalene	13.774	128	449947	55.568	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	126189	55.100	ug/l	98

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

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