

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072523\
 Data File : VX036642.D
 Acq On : 25 Jul 2023 10:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 26 05:59:22 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	174264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	298512	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	274592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	122261	47.416	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.840%		
35) Dibromofluoromethane	5.385	113	100701	49.079	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.160%		
50) Toluene-d8	8.647	98	359613	49.423	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.840%		
62) 4-Bromofluorobenzene	11.079	95	145875	53.139	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	116045	50.408	ug/l	97
3) Chloromethane	1.294	50	103345	49.357	ug/l	97
4) Vinyl Chloride	1.374	62	111007	52.072	ug/l	99
5) Bromomethane	1.617	94	68011	53.438	ug/l	99
6) Chloroethane	1.685	64	59088	57.011	ug/l	96
7) Trichlorofluoromethane	1.886	101	179419	54.500	ug/l	99
8) Diethyl Ether	2.136	74	65209	51.198	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	107472	54.337	ug/l	99
10) Methyl Iodide	2.453	142	112206	54.619	ug/l	93
11) Tert butyl alcohol	2.983	59	149233	244.467	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	100783	51.648	ug/l	90
13) Acrolein	2.239	56	98243	282.000	ug/l	99
14) Allyl chloride	2.666	41	187415	48.775	ug/l	94
15) Acrylonitrile	3.062	53	322114	262.387	ug/l	99
16) Acetone	2.386	43	288524	269.655	ug/l	92
17) Carbon Disulfide	2.514	76	260604	48.390	ug/l	99
18) Methyl Acetate	2.703	43	230249	51.153	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	383798	52.340	ug/l	99
20) Methylene Chloride	2.788	84	117224	49.262	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	110509	50.672	ug/l	92
22) Diisopropyl ether	3.757	45	370750	50.818	ug/l	90
23) Vinyl Acetate	3.721	43	1450826	259.246	ug/l	95
24) 1,1-Dichloroethane	3.611	63	211352	51.670	ug/l	99
25) 2-Butanone	4.556	43	458497	264.115	ug/l	94
26) 2,2-Dichloropropane	4.477	77	196895	51.085	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	133322	51.470	ug/l	95
28) Bromochloromethane	4.897	49	103486	52.311	ug/l	91
29) Tetrahydrofuran	5.007	42	289069	258.278	ug/l	93
30) Chloroform	5.092	83	219988	52.568	ug/l	96
31) Cyclohexane	5.470	56	181011	50.701	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	198804	51.846	ug/l	98
36) 1,1-Dichloropropene	5.690	75	160066	52.340	ug/l	98
37) Ethyl Acetate	4.708	43	176176	50.897	ug/l	97
38) Carbon Tetrachloride	5.678	117	173992	53.515	ug/l	97
39) Methylcyclohexane	7.379	83	197464	51.927	ug/l	95
40) Benzene	6.037	78	461340	51.849	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	95458	51.562	ug/l	93
42) 1,2-Dichloroethane	6.086	62	174245	53.562	ug/l	96
43) Isopropyl Acetate	6.336	43	299932	50.338	ug/l	96
44) Trichloroethene	7.123	130	125044	53.765	ug/l	99
45) 1,2-Dichloropropane	7.427	63	122887	51.729	ug/l	98
46) Dibromomethane	7.580	93	87554	52.661	ug/l	96
47) Bromodichloromethane	7.818	83	181881	53.295	ug/l	98
48) Methyl methacrylate	7.690	41	144032	51.979	ug/l	91
49) 1,4-Dioxane	7.690	88	58820	1050.761	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	883818	268.041	ug/l	96
52) Toluene	8.720	92	298060	53.462	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	206897	53.639	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	213485	52.450	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	125031	53.351	ug/l	97
56) Ethyl methacrylate	9.116	69	206984	54.239	ug/l	95
57) 1,3-Dichloropropane	9.305	76	211273	54.125	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	457656	243.389	ug/l	98
59) 2-Hexanone	9.427	43	670860	274.138	ug/l	95
60) Dibromochloromethane	9.519	129	141407	54.897	ug/l	99
61) 1,2-Dibromoethane	9.610	107	134290	55.289	ug/l	99
64) Tetrachloroethene	9.275	164	111227	54.306	ug/l	95
65) Chlorobenzene	10.079	112	323723	53.483	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	127104	54.330	ug/l	99
67) Ethyl Benzene	10.195	91	583250	52.748	ug/l	99
68) m/p-Xylenes	10.299	106	447437	108.454	ug/l	99
69) o-Xylene	10.640	106	222569	54.047	ug/l	99
70) Styrene	10.652	104	373811	55.018	ug/l	98
71) Bromoform	10.799	173	106367	56.166	ug/l #	99
73) Isopropylbenzene	10.963	105	584978	51.713	ug/l	98
74) N-amyl acetate	10.841	43	263018	49.860	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	193018	50.519	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	164545m	51.180	ug/l	
77) Bromobenzene	11.195	156	137835	53.504	ug/l	96
78) n-propylbenzene	11.305	91	686067	52.442	ug/l	99
79) 2-Chlorotoluene	11.366	91	410091	51.730	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	497288	52.549	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	72317	50.983	ug/l #	84
82) 4-Chlorotoluene	11.451	91	470359	52.074	ug/l	98
83) tert-Butylbenzene	11.713	119	485881	52.263	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	496278	52.438	ug/l	97
85) sec-Butylbenzene	11.890	105	620537	53.522	ug/l	99
86) p-Isopropyltoluene	12.006	119	519243	54.428	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	260712	54.641	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	257781	54.440	ug/l	99
89) n-Butylbenzene	12.329	91	476331	55.776	ug/l	99
90) Hexachloroethane	12.536	117	103738	53.638	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	247234	53.696	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43701	49.222	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	154046	54.304	ug/l	97
94) Hexachlorobutadiene	13.725	225	64085	54.607	ug/l	98
95) Naphthalene	13.774	128	520496	52.654	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	150165	53.709	ug/l	98

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

