

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080323\
 Data File : VX036785.D
 Acq On : 03 Aug 2023 09:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 04 07:30:13 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 08/04/2023
 Supervised By :Semsettin Yesilyurt 08/04/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	143298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	239534	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101343	47.796	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.600%		
35) Dibromofluoromethane	5.385	113	83959	50.995	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.980%		
50) Toluene-d8	8.647	98	287443	49.232	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.460%		
62) 4-Bromofluorobenzene	11.079	95	114574	52.013	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	85101	44.955	ug/l	97
3) Chloromethane	1.301	50	74321	43.165	ug/l	97
4) Vinyl Chloride	1.374	62	81962	46.756	ug/l	98
5) Bromomethane	1.599	94	61166	58.445	ug/l	99
6) Chloroethane	1.679	64	52905	62.076	ug/l	98
7) Trichlorofluoromethane	1.886	101	147322	54.421	ug/l	99
8) Diethyl Ether	2.130	74	55133	52.641	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	85093	52.320	ug/l	99
10) Methyl Iodide	2.453	142	89521	52.994	ug/l	95
11) Tert butyl alcohol	2.959	59	126178	251.366	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	77673	48.407	ug/l	88
13) Acrolein	2.233	56	94261	329.039	ug/l	98
14) Allyl chloride	2.660	41	141862	44.898	ug/l #	95
15) Acrylonitrile	3.062	53	258411	255.983	ug/l	99
16) Acetone	2.380	43	258776	294.115	ug/l	93
17) Carbon Disulfide	2.508	76	180376	40.730	ug/l	99
18) Methyl Acetate	2.703	43	186062	50.269	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	322756	53.527	ug/l	98
20) Methylene Chloride	2.788	84	94274	48.179	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	85578	47.720	ug/l	92
22) Diisopropyl ether	3.757	45	294031	49.011	ug/l	88
23) Vinyl Acetate	3.721	43	1133525	246.317	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	168646	50.139	ug/l	98
25) 2-Butanone	4.550	43	371341	260.134	ug/l	92
26) 2,2-Dichloropropane	4.471	77	160190	50.543	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	107958	50.684	ug/l	94
28) Bromochloromethane	4.898	49	80192	49.296	ug/l	90
29) Tetrahydrofuran	5.001	42	224560	243.998	ug/l	90
30) Chloroform	5.093	83	183159	53.225	ug/l	100
31) Cyclohexane	5.464	56	132759	45.222	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	162233	51.451	ug/l	98
36) 1,1-Dichloropropene	5.690	75	124159	50.595	ug/l	98
37) Ethyl Acetate	4.709	43	139509	50.228	ug/l	96
38) Carbon Tetrachloride	5.678	117	141220	54.129	ug/l	99
39) Methylcyclohexane	7.379	83	152016	49.818	ug/l	92
40) Benzene	6.038	78	366420	51.321	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	75995	51.156	ug/l	91
42) 1,2-Dichloroethane	6.080	62	144587	55.389	ug/l	96
43) Isopropyl Acetate	6.336	43	242991	50.823	ug/l	96
44) Trichloroethene	7.123	130	100080	53.626	ug/l	97
45) 1,2-Dichloropropane	7.428	63	98600	51.725	ug/l	99
46) Dibromomethane	7.580	93	73637	55.195	ug/l	96
47) Bromodichloromethane	7.818	83	149906	54.741	ug/l	97
48) Methyl methacrylate	7.690	41	114227	51.372	ug/l	89
49) 1,4-Dioxane	7.659	88	47887	1066.084	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	698871	264.137	ug/l	95
52) Toluene	8.714	92	239155	53.458	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	168028	54.288	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	173591	53.150	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	105262	55.974	ug/l	98
56) Ethyl methacrylate	9.116	69	167413	54.671	ug/l	94
57) 1,3-Dichloropropane	9.305	76	174984	55.866	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	439409	291.223	ug/l	96
59) 2-Hexanone	9.427	43	528073	268.922	ug/l	94
60) Dibromochloromethane	9.519	129	117931	57.056	ug/l	100
61) 1,2-Dibromoethane	9.610	107	110973	56.939	ug/l	100
64) Tetrachloroethene	9.275	164	87589	53.094	ug/l	97
65) Chlorobenzene	10.080	112	261348	53.607	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	104851	55.643	ug/l	99
67) Ethyl Benzene	10.195	91	468639	52.619	ug/l	99
68) m/p-Xylenes	10.299	106	358148	107.779	ug/l	98
69) o-Xylene	10.640	106	177043	53.376	ug/l	100
70) Styrene	10.653	104	297276	54.322	ug/l	98
71) Bromoform	10.799	173	85724	56.199	ug/l #	100
73) Isopropylbenzene	10.964	105	464237	50.114	ug/l	98
74) N-amyl acetate	10.842	43	200398	46.390	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	157095	50.209	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	134311m	51.013	ug/l	
77) Bromobenzene	11.195	156	109390	51.852	ug/l	95
78) n-propylbenzene	11.305	91	540824	50.480	ug/l	99
79) 2-Chlorotoluene	11.366	91	324751	50.023	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	397114	51.242	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	54711	47.099	ug/l	88
82) 4-Chlorotoluene	11.451	91	376089	50.844	ug/l	99
83) tert-Butylbenzene	11.713	119	391862	51.471	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	398122	51.368	ug/l	97
85) sec-Butylbenzene	11.890	105	495538	52.192	ug/l	99
86) p-Isopropyltoluene	12.006	119	416736	53.342	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	206107	52.749	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	207367	53.477	ug/l	99
89) n-Butylbenzene	12.329	91	373169	53.358	ug/l	99
90) Hexachloroethane	12.536	117	76443	48.265	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	202172	53.618	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37106	51.035	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	127529	54.897	ug/l	98
94) Hexachlorobutadiene	13.725	225	51896	53.999	ug/l	99
95) Naphthalene	13.774	128	441280	54.511	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	124700	54.463	ug/l	98

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

