

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072723\
 Data File : VX036691.D
 Acq On : 27 Jul 2023 21:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 28 06:17:57 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 : John Carlone 07/28/2023
 Supervised By : Semsettin Yesilyurt 07/28/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	143005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	251028	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	102512	48.447	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.900%		
35) Dibromofluoromethane	5.385	113	84775	49.133	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.260%		
50) Toluene-d8	8.653	98	299210	48.901	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.800%		
62) 4-Bromofluorobenzene	11.079	95	114593	49.640	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	82872	43.867	ug/l	99
3) Chloromethane	1.313	50	79148	46.063	ug/l	99
4) Vinyl Chloride	1.374	62	83658	47.821	ug/l	98
5) Bromomethane	1.599	94	57334	54.896	ug/l	98
6) Chloroethane	1.672	64	39150	46.030	ug/l	99
7) Trichlorofluoromethane	1.880	101	137737	50.984	ug/l	98
8) Diethyl Ether	2.136	74	51212	48.998	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.325	101	78208	48.185	ug/l	99
10) Methyl Iodide	2.447	142	88833	52.694	ug/l	92
11) Tert butyl alcohol	2.971	59	150669	300.771	ug/l #	91
12) 1,1-Dichloroethene	2.313	96	77139	48.173	ug/l	93
13) Acrolein	2.239	56	75513	264.135	ug/l	98
14) Allyl chloride	2.660	41	136979	43.441	ug/l	93
15) Acrylonitrile	3.069	53	275913	273.881	ug/l	99
16) Acetone	2.386	43	237239	270.189	ug/l	90
17) Carbon Disulfide	2.508	76	190387	43.079	ug/l	99
18) Methyl Acetate	2.703	43	197186	53.383	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	308231	51.223	ug/l	99
20) Methylene Chloride	2.788	84	91555	46.885	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	85869	47.980	ug/l	89
22) Diisopropyl ether	3.764	45	287544	48.028	ug/l	87
23) Vinyl Acetate	3.721	43	1134699	247.077	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	166125	49.490	ug/l	98
25) 2-Butanone	4.562	43	392646	275.622	ug/l	94
26) 2,2-Dichloropropane	4.477	77	103618	32.760	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	104011	48.931	ug/l	89
28) Bromochloromethane	4.904	49	78342	48.258	ug/l	90
29) Tetrahydrofuran	5.007	42	246874	268.793	ug/l	92
30) Chloroform	5.099	83	173624	50.558	ug/l	99
31) Cyclohexane	5.471	56	131754	44.971	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	154891	49.223	ug/l	98
36) 1,1-Dichloropropene	5.690	75	119047	46.290	ug/l	97
37) Ethyl Acetate	4.721	43	149536	51.373	ug/l	97
38) Carbon Tetrachloride	5.678	117	133728	48.911	ug/l	98
39) Methylcyclohexane	7.379	83	144466	45.176	ug/l	94
40) Benzene	6.038	78	362608	48.462	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	80242	51.542	ug/l	94
42) 1,2-Dichloroethane	6.092	62	137997	50.444	ug/l	96
43) Isopropyl Acetate	6.342	43	244648	48.826	ug/l	95
44) Trichloroethene	7.129	130	95870	49.018	ug/l	99
45) 1,2-Dichloropropane	7.434	63	96567	48.339	ug/l	100
46) Dibromomethane	7.580	93	71292	50.991	ug/l	97
47) Bromodichloromethane	7.824	83	142256	49.569	ug/l	96
48) Methyl methacrylate	7.696	41	117002	50.211	ug/l	92
49) 1,4-Dioxane	7.659	88	58692	1246.802	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	746249	269.129	ug/l	96
52) Toluene	8.720	92	231407	49.358	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	149271	46.019	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	158516	46.312	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	98976	50.222	ug/l	96
56) Ethyl methacrylate	9.116	69	165474	51.563	ug/l	93
57) 1,3-Dichloropropane	9.311	76	164730	50.185	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	397231	251.215	ug/l	97
59) 2-Hexanone	9.433	43	574486	279.162	ug/l	94
60) Dibromochloromethane	9.525	129	110937	51.215	ug/l	100
61) 1,2-Dibromoethane	9.610	107	104373	51.100	ug/l	99
64) Tetrachloroethene	9.275	164	82037	48.248	ug/l	97
65) Chlorobenzene	10.079	112	247070	49.169	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	99265	51.110	ug/l	99
67) Ethyl Benzene	10.195	91	448917	48.904	ug/l	100
68) m/p-Xylenes	10.305	106	340722	99.481	ug/l	98
69) o-Xylene	10.640	106	171015	50.023	ug/l	98
70) Styrene	10.659	104	284709	50.476	ug/l	98
71) Bromoform	10.799	173	81608	51.907	ug/l #	100
73) Isopropylbenzene	10.963	105	444526	46.998	ug/l	98
74) N-amyl acetate	10.842	43	208427	47.255	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	157603	49.335	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	131554m	48.938	ug/l	
77) Bromobenzene	11.201	156	104595	48.559	ug/l	94
78) n-propylbenzene	11.305	91	516652	47.232	ug/l	100
79) 2-Chlorotoluene	11.366	91	310620	46.862	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	376222	47.547	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	51068	43.058	ug/l #	85
82) 4-Chlorotoluene	11.457	91	358354	47.449	ug/l	99
83) tert-Butylbenzene	11.713	119	380942	49.007	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	374290	47.299	ug/l	96
85) sec-Butylbenzene	11.890	105	466526	48.125	ug/l	100
86) p-Isopropyltoluene	12.012	119	388580	48.715	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	195737	49.064	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	196238	49.565	ug/l	99
89) n-Butylbenzene	12.335	91	344257	48.211	ug/l	99
90) Hexachloroethane	12.536	117	78057	48.270	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	196181	50.959	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38444	51.787	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	121211	51.104	ug/l	97
94) Hexachlorobutadiene	13.725	225	46133	47.014	ug/l	97
95) Naphthalene	13.774	128	440344	53.276	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	121918	52.152	ug/l	99

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

