

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080723\
 Data File : VX036839.D
 Acq On : 07 Aug 2023 16:04
 Operator : JC/MD
 Sample : VX0807WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD02

Quant Time: Aug 08 01:37:16 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 08/08/2023
 Supervised By : Mahesh Dadoda 08/08/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	141481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243213	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	102485	48.956	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.920%		
35) Dibromofluoromethane	5.385	113	85768	51.306	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.620%		
50) Toluene-d8	8.647	98	284596	48.007	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.020%		
62) 4-Bromofluorobenzene	11.079	95	116076	51.898	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	39688	21.235	ug/l	100
3) Chloromethane	1.301	50	33569	19.747	ug/l	98
4) Vinyl Chloride	1.374	62	35894	20.739	ug/l	100
5) Bromomethane	1.599	94	18895	18.286	ug/l	99
6) Chloroethane	1.679	64	21355	25.378	ug/l	98
7) Trichlorofluoromethane	1.886	101	60764	22.734	ug/l	100
8) Diethyl Ether	2.136	74	21434	20.728	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	34047	21.203	ug/l	99
10) Methyl Iodide	2.453	142	39104	23.446	ug/l	93
11) Tert butyl alcohol	2.965	59	53139	107.220	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	33239	20.981	ug/l	90
13) Acrolein	2.239	56	29503	104.309	ug/l	100
14) Allyl chloride	2.666	41	56384	18.074	ug/l #	96
15) Acrylonitrile	3.062	53	105562	105.913	ug/l	99
16) Acetone	2.380	43	90006	103.611	ug/l	93
17) Carbon Disulfide	2.514	76	87933	20.111	ug/l	97
18) Methyl Acetate	2.703	43	74263	20.321	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	126165	21.192	ug/l	97
20) Methylene Chloride	2.788	84	40256	20.837	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	36492	20.610	ug/l	89
22) Diisopropyl ether	3.764	45	113233	19.117	ug/l	90
23) Vinyl Acetate	3.721	43	449518	98.936	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	67912	20.450	ug/l	96
25) 2-Butanone	4.562	43	145221	103.038	ug/l	92
26) 2,2-Dichloropropane	4.477	77	60007	19.176	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	43450	20.661	ug/l	93
28) Bromochloromethane	4.898	49	28780	17.919	ug/l	85
29) Tetrahydrofuran	5.007	42	94031	103.482	ug/l	89
30) Chloroform	5.099	83	72075	21.214	ug/l	99
31) Cyclohexane	5.471	56	55987	19.316	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	65729	21.113	ug/l	98
36) 1,1-Dichloropropene	5.696	75	51019	20.476	ug/l	98
37) Ethyl Acetate	4.721	43	57558	20.409	ug/l	96
38) Carbon Tetrachloride	5.678	117	56153	21.198	ug/l	98
39) Methylcyclohexane	7.385	83	54791	17.684	ug/l	93
40) Benzene	6.038	78	149113	20.569	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	30089	19.948	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	58623	22.118	ug/l	97
43) Isopropyl Acetate	6.342	43	95981	19.771	ug/l #	95
44) Trichloroethene	7.129	130	40910	21.589	ug/l	100
45) 1,2-Dichloropropane	7.434	63	38436	19.858	ug/l	99
46) Dibromomethane	7.580	93	28910	21.342	ug/l	95
47) Bromodichloromethane	7.824	83	57106	20.538	ug/l	98
48) Methyl methacrylate	7.696	41	44813	19.849	ug/l #	89
49) 1,4-Dioxane	7.659	88	19468	426.850	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	283058	105.363	ug/l	94
52) Toluene	8.720	92	97211	21.401	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	62298	19.823	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	65977	19.895	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	40534	21.228	ug/l	98
56) Ethyl methacrylate	9.116	69	64928	20.882	ug/l	92
57) 1,3-Dichloropropane	9.311	76	68618	21.576	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	149527	97.602	ug/l	96
59) 2-Hexanone	9.433	43	217522	109.098	ug/l	93
60) Dibromochloromethane	9.519	129	43922	20.928	ug/l	100
61) 1,2-Dibromoethane	9.610	107	43900	22.184	ug/l	100
64) Tetrachloroethene	9.275	164	36540	22.323	ug/l	97
65) Chlorobenzene	10.080	112	103203	21.334	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	39730	21.249	ug/l	99
67) Ethyl Benzene	10.195	91	186007	21.048	ug/l	99
68) m/p-Xylenes	10.299	106	142295	43.156	ug/l	99
69) o-Xylene	10.640	106	70805	21.513	ug/l	98
70) Styrene	10.659	104	115898	21.344	ug/l	98
71) Bromoform	10.799	173	31883	21.065	ug/l #	99
73) Isopropylbenzene	10.964	105	180358	19.711	ug/l	99
74) N-amyl acetate	10.842	43	79205	18.563	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	62625	20.264	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	52383m	20.143	ug/l	
77) Bromobenzene	11.201	156	43262	20.762	ug/l	94
78) n-propylbenzene	11.305	91	204308	19.307	ug/l	100
79) 2-Chlorotoluene	11.366	91	127024	19.810	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	150237	19.627	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	20387	17.769	ug/l	88
82) 4-Chlorotoluene	11.457	91	147703	20.216	ug/l	99
83) tert-Butylbenzene	11.713	119	143854	19.130	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	153533	20.056	ug/l	98
85) sec-Butylbenzene	11.890	105	170724	18.205	ug/l	100
86) p-Isopropyltoluene	12.012	119	145157	18.811	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	78743	20.403	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	80734	21.079	ug/l	99
89) n-Butylbenzene	12.329	91	121312	17.562	ug/l	99
90) Hexachloroethane	12.536	117	25898	16.555	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	80038	21.491	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15168	21.121	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	45858	19.986	ug/l	97
94) Hexachlorobutadiene	13.725	225	17224	18.145	ug/l	98
95) Naphthalene	13.774	128	181016	22.639	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	46550	20.584	ug/l	98

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

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