

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040723\
 Data File : VX034972.D
 Acq On : 07 Apr 2023 16:32
 Operator : JC/MD
 Sample : VX0407WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBS03

Quant Time: Apr 08 00:55:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/10/2023
 Supervised By : Mahesh Dadoda 04/10/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	282364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	473109	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	421997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	202297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	234188	54.231	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.460%			
35) Dibromofluoromethane	5.385	113	171923	54.941	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.880%			
50) Toluene-d8	8.647	98	622264	53.875	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.740%			
62) 4-Bromofluorobenzene	11.079	95	244480	54.698	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.400%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	59454	21.111	ug/l	98
3) Chloromethane	1.294	50	67375	19.107	ug/l	100
4) Vinyl Chloride	1.374	62	67895	19.447	ug/l	97
5) Bromomethane	1.618	94	37627	16.585	ug/l	99
6) Chloroethane	1.685	64	38441	16.923	ug/l	96
7) Trichlorofluoromethane	1.886	101	98527	17.554	ug/l	100
8) Diethyl Ether	2.130	74	38310	19.361	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	60134	20.498	ug/l	98
10) Methyl Iodide	2.453	142	55645	15.231	ug/l	93
11) Tert butyl alcohol	2.989	59	78295m	103.337	ug/l	
12) 1,1-Dichloroethene	2.319	96	55317	19.083	ug/l	93
13) Acrolein	2.239	56	68850	88.275	ug/l	97
14) Allyl chloride	2.666	41	108838	19.165	ug/l	96
15) Acrylonitrile	3.062	53	175580	102.951	ug/l	99
16) Acetone	2.386	43	191663	109.256	ug/l	97
17) Carbon Disulfide	2.514	76	121624	16.753	ug/l	99
18) Methyl Acetate	2.703	43	129867	20.835	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	215149	20.047	ug/l	100
20) Methylene Chloride	2.788	84	67177	19.406	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	60528	19.146	ug/l	98
22) Diisopropyl ether	3.757	45	230598	20.124	ug/l	98
23) Vinyl Acetate	3.721	43	816430	99.902	ug/l	98
24) 1,1-Dichloroethane	3.611	63	120445	19.536	ug/l	99
25) 2-Butanone	4.556	43	262364	102.815	ug/l	99
26) 2,2-Dichloropropane	4.477	77	93837	18.508	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	71518	19.091	ug/l	97
28) Bromochloromethane	4.897	49	66035	21.895	ug/l	99
29) Tetrahydrofuran	5.007	42	161954	101.310	ug/l	99
30) Chloroform	5.093	83	125014	19.963	ug/l	99
31) Cyclohexane	5.471	56	104187	19.814	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	106173	19.868	ug/l	99
36) 1,1-Dichloropropene	5.696	75	90107	19.436	ug/l	98
37) Ethyl Acetate	4.708	43	96555	19.918	ug/l	97
38) Carbon Tetrachloride	5.678	117	87842	20.097	ug/l	98
39) Methylcyclohexane	7.379	83	95265	19.351	ug/l	92
40) Benzene	6.038	78	259308	19.485	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	56462	21.417	ug/l	97
42) 1,2-Dichloroethane	6.086	62	106813	20.188	ug/l	98
43) Isopropyl Acetate	6.336	43	160659	19.810	ug/l	99
44) Trichloroethene	7.123	130	67198	19.781	ug/l	94
45) 1,2-Dichloropropane	7.428	63	68825	19.846	ug/l	97
46) Dibromomethane	7.580	93	46634	19.544	ug/l	99
47) Bromodichloromethane	7.824	83	86895	19.715	ug/l	99
48) Methyl methacrylate	7.696	41	82084	20.609	ug/l	97
49) 1,4-Dioxane	7.690	88	33177	404.208	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	503322	104.863	ug/l	99
52) Toluene	8.720	92	164832	18.996	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	88800	18.729	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	101709	19.602	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	66956	20.388	ug/l	96
56) Ethyl methacrylate	9.116	69	101661	19.757	ug/l	98
57) 1,3-Dichloropropane	9.311	76	117277	20.164	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	247530	94.478	ug/l	100
59) 2-Hexanone	9.427	43	382508	105.363	ug/l	99
60) Dibromochloromethane	9.519	129	61719	19.728	ug/l	100
61) 1,2-Dibromoethane	9.610	107	67903	19.884	ug/l	100
64) Tetrachloroethene	9.275	164	56786	18.803	ug/l	96
65) Chlorobenzene	10.079	112	173302	19.738	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	60413	20.010	ug/l	98
67) Ethyl Benzene	10.195	91	317124	19.938	ug/l	98
68) m/p-Xylenes	10.299	106	239553	39.427	ug/l	96
69) o-Xylene	10.640	106	117491	19.739	ug/l	97
70) Styrene	10.653	104	191667	20.172	ug/l	99
71) Bromoform	10.799	173	39390	19.183	ug/l #	100
73) Isopropylbenzene	10.963	105	304520	20.550	ug/l	100
74) N-amyl acetate	10.842	43	134845	20.239	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	98555	20.293	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	84659m	20.769	ug/l	
77) Bromobenzene	11.195	156	72372	19.711	ug/l	100
78) n-propylbenzene	11.305	91	347164	20.281	ug/l	100
79) 2-Chlorotoluene	11.366	91	219557	20.314	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	252024	20.341	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	22223	16.339	ug/l #	82
82) 4-Chlorotoluene	11.457	91	252414	20.111	ug/l	99
83) tert-Butylbenzene	11.713	119	239180	20.558	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	257070	20.403	ug/l	97
85) sec-Butylbenzene	11.890	105	290907	20.553	ug/l	98
86) p-Isopropyltoluene	12.006	119	244931	20.753	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	133117	19.908	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	137226	19.649	ug/l	99
89) n-Butylbenzene	12.335	91	204049	19.788	ug/l	98
90) Hexachloroethane	12.536	117	35231	19.267	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	133307	19.906	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20773	20.491	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	76824	20.283	ug/l	99
94) Hexachlorobutadiene	13.725	225	31638	18.991	ug/l	99
95) Naphthalene	13.774	128	279179	20.743	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	78884	20.652	ug/l	99

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

