

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034603.D
 Acq On : 18 Mar 2023 01:38
 Operator : JC/MD
 Sample : VX0317WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS02

Quant Time: Mar 20 00:12:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/20/2023
 Supervised By : Mahesh Dadoda 03/20/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	229316	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	394124	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	420433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165193	49.517	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.040%		
35) Dibromofluoromethane	5.385	113	125834	48.357	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.720%		
50) Toluene-d8	8.647	98	466112	47.983	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.960%		
62) 4-Bromofluorobenzene	11.079	95	224021	57.093	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	114.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36013	16.846	ug/l	99
3) Chloromethane	1.307	50	48539	14.044	ug/l	92
4) Vinyl Chloride	1.374	62	51776	17.787	ug/l	97
5) Bromomethane	1.599	94	31229	21.263	ug/l	100
6) Chloroethane	1.685	64	33031	19.708	ug/l	97
7) Trichlorofluoromethane	1.886	101	86137	19.693	ug/l	97
8) Diethyl Ether	2.130	74	31735	19.876	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	45693	17.926	ug/l	98
10) Methyl Iodide	2.453	142	59698	17.838	ug/l	96
11) Tert butyl alcohol	2.959	59	66510	95.737	ug/l	100
12) 1,1-Dichloroethene	2.319	96	43344	17.266	ug/l	97
13) Acrolein	2.233	56	51965	94.553	ug/l	97
14) Allyl chloride	2.660	41	82726	16.254	ug/l	98
15) Acrylonitrile	3.062	53	151185	100.742	ug/l	99
16) Acetone	2.380	43	137896	87.750	ug/l	99
17) Carbon Disulfide	2.508	76	92476	13.090	ug/l	97
18) Methyl Acetate	2.703	43	104786	20.407	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	163716	18.214	ug/l	100
20) Methylene Chloride	2.788	84	52760	17.299	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	46048	17.272	ug/l	97
22) Diisopropyl ether	3.757	45	179338	18.482	ug/l	91
23) Vinyl Acetate	3.721	43	676830	91.648	ug/l	99
24) 1,1-Dichloroethane	3.611	63	94165	18.052	ug/l	97
25) 2-Butanone	4.556	43	221016	98.293	ug/l	98
26) 2,2-Dichloropropane	4.477	77	57951	12.781	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	56346	17.557	ug/l	98
28) Bromochloromethane	4.891	49	47376	19.533	ug/l	98
29) Tetrahydrofuran	5.001	42	140842	101.509	ug/l	99
30) Chloroform	5.093	83	96379	18.849	ug/l	98
31) Cyclohexane	5.477	56	79266	16.942	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	80686	17.825	ug/l	98
36) 1,1-Dichloropropene	5.696	75	67039	16.773	ug/l	99
37) Ethyl Acetate	4.715	43	84162	19.275	ug/l	99
38) Carbon Tetrachloride	5.678	117	64520	16.227	ug/l	97
39) Methylcyclohexane	7.379	83	76642	16.024	ug/l	93
40) Benzene	6.038	78	201171	17.206	ug/l	99

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41) Methacrylonitrile	4.922	41	46414	19.396	ug/l	97
42) 1,2-Dichloroethane	6.086	62	79719	18.552	ug/l	100
43) Isopropyl Acetate	6.342	43	134309	18.157	ug/l	100
44) Trichloroethene	7.123	130	51236	16.865	ug/l	95
45) 1,2-Dichloropropane	7.428	63	54965	18.004	ug/l	99
46) Dibromomethane	7.580	93	37621	18.126	ug/l	99
47) Bromodichloromethane	7.824	83	69570	17.319	ug/l	95
48) Methyl methacrylate	7.696	41	67016	18.838	ug/l	99
49) 1,4-Dioxane	7.659	88	31347	419.515	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	440136	102.571	ug/l	98
52) Toluene	8.720	92	128382	17.735	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	71909	15.890	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	78461	16.025	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	55783	19.418	ug/l	99
56) Ethyl methacrylate	9.116	69	90720	19.233	ug/l	97
57) 1,3-Dichloropropane	9.311	76	103330	20.238	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	217823	89.608	ug/l	100
59) 2-Hexanone	9.433	43	377456	113.793	ug/l	98
60) Dibromochloromethane	9.519	129	57892	19.214	ug/l	99
61) 1,2-Dibromoethane	9.610	107	65546	21.144	ug/l	100
64) Tetrachloroethene	9.275	164	46194	16.356	ug/l	98
65) Chlorobenzene	10.079	112	162910	17.660	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	59293	17.648	ug/l	98
67) Ethyl Benzene	10.195	91	298558	18.079	ug/l	97
68) m/p-Xylenes	10.299	106	220008	34.681	ug/l	96
69) o-Xylene	10.640	106	107131	16.828	ug/l	95
70) Styrene	10.659	104	177137	17.246	ug/l	98
71) Bromoform	10.799	173	39023	15.089	ug/l #	99
73) Isopropylbenzene	10.963	105	285331	19.103	ug/l	98
74) N-amyl acetate	10.842	43	139545	19.506	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	98736	19.810	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82966m	18.697	ug/l	
77) Bromobenzene	11.201	156	66344	18.514	ug/l	97
78) n-propylbenzene	11.305	91	324866	18.833	ug/l	99
79) 2-Chlorotoluene	11.366	91	213538	20.044	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	247577	19.762	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22354	13.628	ug/l #	80
82) 4-Chlorotoluene	11.457	91	237910	19.388	ug/l	98
83) tert-Butylbenzene	11.713	119	251514	19.912	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	248663	19.421	ug/l	98
85) sec-Butylbenzene	11.890	105	294384	19.063	ug/l	99
86) p-Isopropyltoluene	12.012	119	238302	18.361	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	124616	17.748	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	125033	17.611	ug/l	98
89) n-Butylbenzene	12.335	91	196556	17.036	ug/l	98
90) Hexachloroethane	12.542	117	33473	13.938	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	120997	17.832	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16853	14.883	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	61954	14.600	ug/l	98
94) Hexachlorobutadiene	13.725	225	25630	14.993	ug/l	97
95) Naphthalene	13.774	128	225617	15.856	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	64056	15.443	ug/l	97

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

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