

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034714.D
 Acq On : 24 Mar 2023 12:09
 Operator : JC/MD
 Sample : VX0324WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBS01

Quant Time: Mar 27 01:27:34 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 03/27/2023
 Supervised By : Semsettin Yesilyurt 03/27/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	372799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	610123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	543145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	273092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	291204	53.693	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.380%			
35) Dibromofluoromethane	5.379	113	214968	53.364	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.720%			
50) Toluene-d8	8.647	98	752501	50.040	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.080%			
62) 4-Bromofluorobenzene	11.079	95	308694	50.821	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	88178	25.372	ug/l	98
3) Chloromethane	1.295	50	97613	17.693	ug/l	96
4) Vinyl Chloride	1.374	62	97587	20.622	ug/l	93
5) Bromomethane	1.618	94	62092	26.005	ug/l	99
6) Chloroethane	1.691	64	57325	21.039	ug/l	99
7) Trichlorofluoromethane	1.886	101	143497	20.181	ug/l	98
8) Diethyl Ether	2.130	74	56947	21.939	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	84247	20.330	ug/l	98
10) Methyl Iodide	2.453	142	102128	18.771	ug/l	93
11) Tert butyl alcohol	3.002	59	110548m	97.882	ug/l	
12) 1,1-Dichloroethene	2.319	96	76368	18.712	ug/l	95
13) Acrolein	2.239	56	65665	73.495	ug/l	99
14) Allyl chloride	2.666	41	154279	18.646	ug/l	96
15) Acrylonitrile	3.063	53	245856	100.773	ug/l	99
16) Acetone	2.386	43	230729	90.315	ug/l	94
17) Carbon Disulfide	2.514	76	183881	16.010	ug/l	99
18) Methyl Acetate	2.703	43	182249	21.833	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	313328	21.443	ug/l	96
20) Methylene Chloride	2.788	84	91477	18.450	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	85687	19.770	ug/l	96
22) Diisopropyl ether	3.757	45	318057	20.162	ug/l	92
23) Vinyl Acetate	3.715	43	1192616	99.335	ug/l	99
24) 1,1-Dichloroethane	3.605	63	165726	19.543	ug/l	99
25) 2-Butanone	4.556	43	356206	97.445	ug/l	99
26) 2,2-Dichloropropane	4.471	77	142968	19.396	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	101357	19.426	ug/l	97
28) Bromochloromethane	4.898	49	76042	19.286	ug/l	100
29) Tetrahydrofuran	5.007	42	227616	100.910	ug/l	99
30) Chloroform	5.093	83	174478	20.990	ug/l	99
31) Cyclohexane	5.465	56	148600	19.537	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	152632	20.742	ug/l	99
36) 1,1-Dichloropropene	5.690	75	127953	20.680	ug/l	99
37) Ethyl Acetate	4.709	43	137372	20.323	ug/l	98
38) Carbon Tetrachloride	5.678	117	128977	20.954	ug/l	98
39) Methylcyclohexane	7.379	83	145742	19.683	ug/l	93
40) Benzene	6.031	78	360621	19.924	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	78808	21.274	ug/l	97
42) 1,2-Dichloroethane	6.080	62	152992	22.999	ug/l	99
43) Isopropyl Acetate	6.330	43	231903	20.252	ug/l	99
44) Trichloroethene	7.123	130	92853	19.744	ug/l	97
45) 1,2-Dichloropropane	7.428	63	95404	20.187	ug/l	98
46) Dibromomethane	7.580	93	66691	20.757	ug/l	99
47) Bromodichloromethane	7.818	83	128735	20.702	ug/l	99
48) Methyl methacrylate	7.690	41	116828	21.213	ug/l	99
49) 1,4-Dioxane	7.708	88	48276	417.348	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	699826	105.352	ug/l	99
52) Toluene	8.714	92	229244	20.457	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	141150	20.148	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	153143	20.205	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	93451	21.013	ug/l	99
56) Ethyl methacrylate	9.116	69	152027	20.820	ug/l	99
57) 1,3-Dichloropropane	9.305	76	166485	21.064	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	319288	84.848	ug/l	98
59) 2-Hexanone	9.427	43	525101	102.260	ug/l	100
60) Dibromochloromethane	9.519	129	94127	20.181	ug/l	98
61) 1,2-Dibromoethane	9.610	107	98003	20.421	ug/l	99
64) Tetrachloroethene	9.269	164	80730	22.127	ug/l	95
65) Chlorobenzene	10.080	112	244369	20.506	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	90789	20.918	ug/l	98
67) Ethyl Benzene	10.189	91	448230	21.010	ug/l	96
68) m/p-Xylenes	10.299	106	336616	41.074	ug/l	96
69) o-Xylene	10.640	106	168782	20.522	ug/l	98
70) Styrene	10.653	104	274337	20.675	ug/l	99
71) Bromoform	10.799	173	62900	18.827	ug/l #	99
73) Isopropylbenzene	10.964	105	436858	20.698	ug/l	100
74) N-amyl acetate	10.842	43	200219	19.805	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	141151	20.041	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	122435m	19.526	ug/l	
77) Bromobenzene	11.195	156	102618	20.264	ug/l	98
78) n-propylbenzene	11.305	91	512210	21.013	ug/l	99
79) 2-Chlorotoluene	11.366	91	309232	20.541	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	375491	21.210	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	38472	16.598	ug/l	88
82) 4-Chlorotoluene	11.451	91	364369	21.013	ug/l	98
83) tert-Butylbenzene	11.713	119	357596	20.034	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	375757	20.768	ug/l	98
85) sec-Butylbenzene	11.890	105	441380	20.226	ug/l	99
86) p-Isopropyltoluene	12.006	119	377366	20.576	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	194771	19.630	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	198653	19.801	ug/l	99
89) n-Butylbenzene	12.329	91	320758	19.673	ug/l	100
90) Hexachloroethane	12.536	117	57582	16.968	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	193479	20.178	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	31903	19.937	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	119256	19.888	ug/l	98
94) Hexachlorobutadiene	13.725	225	51906	21.487	ug/l	99
95) Naphthalene	13.774	128	414782	20.628	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	119458	20.380	ug/l	99

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

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