

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
 Data File : VX034345.D
 Acq On : 06 Mar 2023 13:23
 Operator : JC/MD
 Sample : VX0306WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2023
 Supervised By : Semsettin Yesilyurt 03/07/2023

Quant Time: Mar 07 00:37:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	285987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	477602	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	430550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	215340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	185893	48.264	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.520%		
35) Dibromofluoromethane	5.385	113	156666	50.381	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.760%		
50) Toluene-d8	8.647	98	571089	51.151	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.300%		
62) 4-Bromofluorobenzene	11.079	95	220230	51.569	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	49454	20.012	ug/l	99
3) Chloromethane	1.301	50	69682	19.594	ug/l	97
4) Vinyl Chloride	1.374	62	71284	22.010	ug/l	95
5) Bromomethane	1.605	94	41382	31.237	ug/l	98
6) Chloroethane	1.685	64	41136	25.265	ug/l	99
7) Trichlorofluoromethane	1.886	101	105767	24.139	ug/l	95
8) Diethyl Ether	2.136	74	39085	22.141	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	58189	18.857	ug/l	96
10) Methyl Iodide	2.453	142	70443	18.749	ug/l	95
11) Tert butyl alcohol	2.959	59	76845	89.204	ug/l #	82
12) 1,1-Dichloroethene	2.319	96	57544	18.603	ug/l	95
13) Acrolein	2.233	56	37946	96.497	ug/l	94
14) Allyl chloride	2.666	41	114261	17.414	ug/l	91
15) Acrylonitrile	3.063	53	187705	99.881	ug/l	98
16) Acetone	2.380	43	162434	81.755	ug/l	94
17) Carbon Disulfide	2.514	76	154160	17.334	ug/l	99
18) Methyl Acetate	2.703	43	121777	19.808	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	215249	19.716	ug/l	98
20) Methylene Chloride	2.788	84	67459	18.844	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	62183	19.185	ug/l	98
22) Diisopropyl ether	3.764	45	234023	20.344	ug/l	90
23) Vinyl Acetate	3.721	43	915359	99.319	ug/l	99
24) 1,1-Dichloroethane	3.611	63	121601	19.256	ug/l	98
25) 2-Butanone	4.556	43	267778	93.148	ug/l	99
26) 2,2-Dichloropropane	4.477	77	103713	18.129	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	75766	19.740	ug/l	95
28) Bromochloromethane	4.898	49	55656	19.756	ug/l	86
29) Tetrahydrofuran	5.001	42	176385	100.577	ug/l	98
30) Chloroform	5.093	83	120434	19.861	ug/l	99
31) Cyclohexane	5.471	56	110737	19.257	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	104348	19.196	ug/l	99
36) 1,1-Dichloropropene	5.690	75	88642	19.275	ug/l	97
37) Ethyl Acetate	4.715	43	104676	20.366	ug/l	99
38) Carbon Tetrachloride	5.678	117	89770	18.970	ug/l	99
39) Methylcyclohexane	7.379	83	109881	18.567	ug/l	99
40) Benzene	6.038	78	272088	19.965	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	57959	20.240	ug/l	100
42) 1,2-Dichloroethane	6.086	62	94775	19.773	ug/l	99
43) Isopropyl Acetate	6.336	43	177165	19.534	ug/l	99
44) Trichloroethene	7.129	130	68725	19.650	ug/l	95
45) 1,2-Dichloropropane	7.428	63	72395	19.954	ug/l	98
46) Dibromomethane	7.580	93	46959	19.667	ug/l	88
47) Bromodichloromethane	7.824	83	93060	18.992	ug/l	98
48) Methyl methacrylate	7.696	41	85247	19.803	ug/l	97
49) 1,4-Dioxane	7.659	88	34582	402.750	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	537267	107.668	ug/l	99
52) Toluene	8.720	92	170009	20.587	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	104252	18.483	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	113825	18.851	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	69590	20.878	ug/l	97
56) Ethyl methacrylate	9.116	69	112223	19.902	ug/l	96
57) 1,3-Dichloropropane	9.305	76	119750	20.649	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	261683	107.130	ug/l	96
59) 2-Hexanone	9.427	43	406246	106.825	ug/l	98
60) Dibromochloromethane	9.519	129	72480	19.679	ug/l	97
61) 1,2-Dibromoethane	9.610	107	72512	20.569	ug/l	99
64) Tetrachloroethene	9.275	164	60200	19.811	ug/l	95
65) Chlorobenzene	10.080	112	182794	20.367	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	67772	19.506	ug/l	97
67) Ethyl Benzene	10.195	91	326357	20.241	ug/l	99
68) m/p-Xylenes	10.299	106	253009	41.004	ug/l	96
69) o-Xylene	10.640	106	126245	20.552	ug/l	98
70) Styrene	10.653	104	202624	20.281	ug/l	97
71) Bromoform	10.799	173	51102	18.019	ug/l #	99
73) Isopropylbenzene	10.964	105	322860	19.673	ug/l	100
74) N-amyl acetate	10.842	43	157177	19.063	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	108436	19.318	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	88033m	16.247	ug/l	
77) Bromobenzene	11.195	156	78442	19.862	ug/l	88
78) n-propylbenzene	11.305	91	373462	19.566	ug/l	98
79) 2-Chlorotoluene	11.366	91	224804	19.208	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	267753	19.405	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	34471	16.343	ug/l	93
82) 4-Chlorotoluene	11.457	91	259045	19.433	ug/l	96
83) tert-Butylbenzene	11.713	119	266212	18.838	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	269139	19.291	ug/l	98
85) sec-Butylbenzene	11.890	105	333013	19.405	ug/l	97
86) p-Isopropyltoluene	12.006	119	277680	19.551	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	142488	19.237	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	146184	19.567	ug/l	97
89) n-Butylbenzene	12.329	91	240046	18.976	ug/l	97
90) Hexachloroethane	12.536	117	49966	16.826	ug/l	82
91) 1,2-Dichlorobenzene	12.335	146	144038	19.876	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22285	16.649	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	85774	18.435	ug/l	97
94) Hexachlorobutadiene	13.725	225	32887	17.051	ug/l	96
95) Naphthalene	13.774	128	303579	19.369	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	87177	18.873	ug/l	97

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

