

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023102.D
 Acq On : 02 Jul 2021 11:29
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

SAM
 7/6/2021 1:51:15 PM

Quant Time: Jul 02 14:12:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:06:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	301159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	467650	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	420036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190492	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.173	85	2272	0.774	ug/l	97
3) Chloromethane	1.295	50	2624	0.969	ug/l #	83
4) Vinyl Chloride	1.374	62	2426	0.817	ug/l	92
6) Chloroethane	1.685	64	1815	0.934	ug/l	95
7) Trichlorofluoromethane	1.886	101	4329	0.832	ug/l	95
8) Diethyl Ether	2.136	74	1598	0.860	ug/l	70
9) 1,1,2-Trichlorotrifluo...	2.331	101	2615	0.882	ug/l	92
12) 1,1-Dichloroethene	2.319	96	2348	0.847	ug/l	98
14) Allyl chloride	2.666	41	3979	0.825	ug/l #	84
15) Acrylonitrile	3.075	53	6808	3.992	ug/l #	94
16) Acetone	2.386	43	8818	5.712	ug/l	88
17) Carbon Disulfide	2.514	76	5089	0.904	ug/l #	87
18) Methyl Acetate	2.709	43	3530	0.892	ug/l #	86
19) Methyl tert-butyl Ether	3.123	73	8379	0.811	ug/l	93
20) Methylene Chloride	2.794	84	4092	1.275	ug/l #	90
21) trans-1,2-Dichloroethene	3.099	96	2647	0.903	ug/l	84
22) Diisopropyl ether	3.770	45	8260	0.814	ug/l	95
23) Vinyl Acetate	3.733	43	33031	3.737	ug/l #	93
24) 1,1-Dichloroethane	3.617	63	4808	0.848	ug/l	94
25) 2-Butanone	4.568	43	10131	4.089	ug/l	98
26) 2,2-Dichloropropane	4.483	77	4075	0.844	ug/l #	57
27) cis-1,2-Dichloroethene	4.495	96	3113	0.873	ug/l	99
28) Bromochloromethane	4.904	49	2519	0.964	ug/l #	92
29) Tetrahydrofuran	5.032	42	6685	4.187	ug/l	92
30) Chloroform	5.099	83	5335	0.869	ug/l	90
32) 1,1,1-Trichloroethane	5.391	97	4352	0.805	ug/l #	49
36) 1,1-Dichloropropene	5.696	75	4035	0.961	ug/l	96
37) Ethyl Acetate	4.721	43	3931	0.841	ug/l #	93
38) Carbon Tetrachloride	5.696	117	3427	0.752	ug/l #	82
39) Methylcyclohexane	7.385	83	4430	0.906	ug/l	93
40) Benzene	6.044	78	10879	0.880	ug/l #	88
41) Methacrylonitrile	4.928	41	2526m	0.978	ug/l	
42) 1,2-Dichloroethane	6.092	62	4091	0.805	ug/l	90
43) Isopropyl Acetate	6.348	43	6891	0.887	ug/l #	90
44) Trichloroethene	7.129	130	3251	0.930	ug/l	94
45) 1,2-Dichloropropane	7.428	63	2931	0.910	ug/l #	76

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	1976	0.850	ug/l	94
47) Bromodichloromethane	7.824	83	3353	0.766	ug/l #	95
48) Methyl methacrylate	7.702	41	3413	0.891	ug/l #	72
49) 1,4-Dioxane	7.659	88	1420	16.376	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	19569	3.977	ug/l	90
52) Toluene	8.720	92	6530	0.808	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	3137	0.640	ug/l	95
54) cis-1,3-Dichloropropene	8.373	75	3458	0.663	ug/l #	87
55) 1,1,2-Trichloroethane	9.159	97	2728	0.801	ug/l	94
56) Ethyl methacrylate	9.116	69	4018	0.758	ug/l #	82
57) 1,3-Dichloropropane	9.317	76	4888	0.877	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.251	63	8046	2.892	ug/l	96
59) 2-Hexanone	9.433	43	14734	3.870	ug/l	84
60) Dibromochloromethane	9.525	129	2371	0.695	ug/l	95
61) 1,2-Dibromoethane	9.610	107	2540	0.703	ug/l	88
64) Tetrachloroethene	9.275	164	3088	0.918	ug/l	89
65) Chlorobenzene	10.086	112	7539	0.896	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	2237	0.702	ug/l #	59
67) Ethyl Benzene	10.195	91	12886	0.853	ug/l	100
68) m/p-Xylenes	10.305	106	9185	1.581	ug/l	94
69) o-Xylene	10.646	106	4887	0.840	ug/l	97
70) Styrene	10.659	104	6937	0.709	ug/l	98
71) Bromoform	10.799	173	1433	0.625	ug/l #	97
73) Isopropylbenzene	10.964	105	11572	0.839	ug/l	99
74) N-amyl acetate	10.848	43	4927	0.838	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.220	83	3978	0.942	ug/l	95
76) 1,2,3-Trichloropropane	11.244	75	3057m	0.768	ug/l	
77) Bromobenzene	11.201	156	2930	0.866	ug/l	92
78) n-propylbenzene	11.305	91	13612	0.848	ug/l	96
79) 2-Chlorotoluene	11.366	91	8794	0.903	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	9959	0.831	ug/l	96
82) 4-Chlorotoluene	11.457	91	9053	0.802	ug/l	97
83) tert-Butylbenzene	11.719	119	9151	0.803	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	9252	0.771	ug/l	99
85) sec-Butylbenzene	11.890	105	11645	0.788	ug/l	99
86) p-Isopropyltoluene	12.012	119	9644	0.775	ug/l	88
87) 1,3-Dichlorobenzene	11.976	146	5406	0.839	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	5744m	0.895	ug/l	
89) n-Butylbenzene	12.335	91	8637	0.786	ug/l	95
90) Hexachloroethane	12.542	117	1141	0.610	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	5535	0.866	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	608	0.616	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	3141	0.793	ug/l	98
94) Hexachlorobutadiene	13.725	225	1442	0.873	ug/l	97
95) Naphthalene	13.780	128	8926	0.641	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2940	0.723	ug/l	93

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

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