

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071321\
 Data File : VX023256.D
 Acq On : 13 Jul 2021 11:56
 Operator : JC/MD
 Sample : VX0713WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/15/2021 1:18:00 PM

Quant Time: Jul 14 04:51:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	278616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	436970	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	196702	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	176454	47.12	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.24%
35) Dibromofluoromethane	5.391	113	135207	47.92	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.84%
50) Toluene-d8	8.653	98	492951	46.83	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.66%
62) 4-Bromofluorobenzene	11.085	95	191426	47.11	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.22%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	45023	17.83	ug/l	96
3) Chloromethane	1.295	50	39564	15.84	ug/l	100
4) Vinyl Chloride	1.374	62	44061	16.65	ug/l	96
5) Bromomethane	1.599	94	23187	13.29	ug/l	97
6) Chloroethane	1.685	64	27742	16.03	ug/l	92
7) Trichlorofluoromethane	1.886	101	77107	16.77	ug/l	100
8) Diethyl Ether	2.136	74	28879	17.02	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	49858	18.53	ug/l	96
10) Methyl Iodide	2.453	142	53977	16.34	ug/l	93
11) Tert butyl alcohol	2.977	59	64934	82.43	ug/l	96
12) 1,1-Dichloroethene	2.319	96	43998	17.72	ug/l	93
13) Acrolein	2.239	56	38722	73.82	ug/l	98
14) Allyl chloride	2.666	41	77061	17.86	ug/l	93
15) Acrylonitrile	3.069	53	135808	88.66	ug/l	98
16) Acetone	2.386	43	124236	83.86	ug/l	89
17) Carbon Disulfide	2.514	76	78971	15.08	ug/l	99
18) Methyl Acetate	2.709	43	65103	18.10	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	174083	18.74	ug/l	98
20) Methylene Chloride	2.794	84	53509	16.78	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	46328	17.27	ug/l	94
22) Diisopropyl ether	3.770	45	159654	17.55	ug/l	99
23) Vinyl Acetate	3.727	43	679786	88.28	ug/l	96
24) 1,1-Dichloroethane	3.617	63	93200	18.13	ug/l	98
25) 2-Butanone	4.568	43	191750	85.83	ug/l	95
26) 2,2-Dichloropropane	4.489	77	79053	18.32	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	58112	17.89	ug/l	98
28) Bromochloromethane	4.910	49	42190	17.30	ug/l	99
29) Tetrahydrofuran	5.013	42	120471	83.89	ug/l	93
30) Chloroform	5.099	83	101122	18.21	ug/l	97
31) Cyclohexane	5.477	56	74935	16.71	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	89763	18.56	ug/l	99
36) 1,1-Dichloropropene	5.696	75	66975	17.19	ug/l	100
37) Ethyl Acetate	4.727	43	73530	17.30	ug/l	96
38) Carbon Tetrachloride	5.684	117	78539	19.32	ug/l	96
39) Methylcyclohexane	7.385	83	79927	17.54	ug/l	98
40) Benzene	6.044	78	201877	17.85	ug/l	99
41) Methacrylonitrile	4.928	41	42015	17.69	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.092	62	84458	18.58	ug/l	95
43) Isopropyl Acetate	6.348	43	122397	17.32	ug/l	96
44) Trichloroethene	7.129	130	57993	18.08	ug/l	99
45) 1,2-Dichloropropane	7.434	63	53457	18.11	ug/l	94
46) Dibromomethane	7.586	93	37408	17.74	ug/l	99
47) Bromodichloromethane	7.824	83	71919	18.68	ug/l	99
48) Methyl methacrylate	7.696	41	59805	17.24	ug/l	90
49) 1,4-Dioxane	7.665	88	27523	352.59	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	381883	87.19	ug/l	93
52) Toluene	8.720	92	132227	18.06	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	78270	17.94	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	83834	18.00	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	56299	18.32	ug/l	98
56) Ethyl methacrylate	9.122	69	83548	17.59	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	91355	17.98	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	220393	88.35	ug/l	100
59) 2-Hexanone	9.433	43	289557	86.16	ug/l	90
60) Dibromochloromethane	9.525	129	54073	17.89	ug/l	99
61) 1,2-Dibromoethane	9.610	107	58815	18.64	ug/l	98
64) Tetrachloroethene	9.275	164	60219	19.03	ug/l	93
65) Chlorobenzene	10.080	112	145682	18.57	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	54593	19.25	ug/l	99
67) Ethyl Benzene	10.195	91	256929	18.53	ug/l	99
68) m/p-Xylenes	10.305	106	197212	37.25	ug/l	98
69) o-Xylene	10.646	106	98975	18.55	ug/l	99
70) Styrene	10.659	104	164484	18.87	ug/l	98
71) Bromoform	10.805	173	37190	18.23	ug/l #	98
73) Isopropylbenzene	10.964	105	265268	19.14	ug/l	100
74) N-ethyl acetate	10.848	43	100138	17.03	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	80114	18.20	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	76799m	19.40	ug/l	
77) Bromobenzene	11.201	156	65511	18.94	ug/l	94
78) n-propylbenzene	11.305	91	296821	18.52	ug/l	99
79) 2-Chlorotoluene	11.366	91	185576	18.74	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	226105	18.95	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	22765	19.30	ug/l	88
82) 4-Chlorotoluene	11.457	91	208981	18.69	ug/l	99
83) tert-Butylbenzene	11.719	119	220209	19.44	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	224649	19.05	ug/l	98
85) sec-Butylbenzene	11.896	105	278611	19.12	ug/l	99
86) p-Isopropyltoluene	12.012	119	234399	19.18	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	120603	18.56	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	120498	18.42	ug/l	98
89) n-Butylbenzene	12.335	91	193562	18.08	ug/l	99
90) Hexachloroethane	12.542	117	34246	18.39	ug/l	92
91) 1,2-Dichlorobenzene	12.341	146	122283	18.92	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17681	18.10	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	73907	18.56	ug/l	98
94) Hexachlorobutadiene	13.731	225	33623	19.95	ug/l	99
95) Naphthalene	13.780	128	245809	17.59	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	76085	19.00	ug/l	99

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