

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023377.D
 Acq On : 22 Jul 2021 16:38
 Operator : JC/MD
 Sample : VX0722WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:14:04 PM

Quant Time: Jul 23 06:07:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	215315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	346958	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	305185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	139483	51.932	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.860%
35) Dibromofluoromethane	5.397	113	110847	51.097	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.200%
50) Toluene-d8	8.653	98	410466	51.500	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.000%
62) 4-Bromofluorobenzene	11.085	95	141896	52.356	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.720%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	39417	19.899	ug/l	98
3) Chloromethane	1.294	50	41775	18.104	ug/l	98
4) Vinyl Chloride	1.374	62	44003	18.838	ug/l	99
5) Bromomethane	1.599	94	30350	21.886	ug/l	99
6) Chloroethane	1.685	64	28292	19.735	ug/l	100
7) Trichlorofluoromethane	1.886	101	71251	18.933	ug/l	98
8) Diethyl Ether	2.136	74	27361	19.698	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	41601	19.512	ug/l	97
10) Methyl Iodide	2.453	142	44181	16.540	ug/l	96
11) Tert butyl alcohol	2.977	59	56761	92.511	ug/l	99
12) 1,1-Dichloroethene	2.319	96	38926	18.399	ug/l	95
13) Acrolein	2.239	56	28666	92.766	ug/l	98
14) Allyl chloride	2.666	41	69452	18.056	ug/l	94
15) Acrylonitrile	3.068	53	133496	96.352	ug/l	98
16) Acetone	2.386	43	114312	86.762	ug/l	95
17) Carbon Disulfide	2.514	76	92495	17.730	ug/l	99
18) Methyl Acetate	2.709	43	59971	19.148	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	142383	19.356	ug/l	96
20) Methylene Chloride	2.794	84	46969	18.327	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	42082	18.724	ug/l	98
22) Diisopropyl ether	3.769	45	147917	19.481	ug/l	96
23) Vinyl Acetate	3.727	43	658665	98.270	ug/l	94
24) 1,1-Dichloroethane	3.617	63	78942	18.916	ug/l	97
25) 2-Butanone	4.568	43	191212	93.482	ug/l	95
26) 2,2-Dichloropropane	4.483	77	61324	17.967	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	50778	19.455	ug/l	98
28) Bromochloromethane	4.903	49	36159	18.566	ug/l	95
29) Tetrahydrofuran	5.019	42	126888	94.641	ug/l	90
30) Chloroform	5.105	83	80592	18.868	ug/l	100
31) Cyclohexane	5.477	56	72822	18.303	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	69300	18.984	ug/l	98
36) 1,1-Dichloropropene	5.696	75	59068	18.820	ug/l	98
37) Ethyl Acetate	4.727	43	74168	18.742	ug/l	94
38) Carbon Tetrachloride	5.684	117	58684	18.385	ug/l	99
39) Methylcyclohexane	7.385	83	75467	19.039	ug/l	97
40) Benzene	6.043	78	177864	19.113	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	38631	18.488	ug/l	93
42) 1,2-Dichloroethane	6.092	62	66560	19.344	ug/l	96
43) Isopropyl Acetate	6.348	43	117748	19.202	ug/l	94
44) Trichloroethene	7.129	130	48932	19.140	ug/l	95
45) 1,2-Dichloropropane	7.440	63	47305	19.210	ug/l	97
46) Dibromomethane	7.586	93	32779	19.625	ug/l	99
47) Bromodichloromethane	7.824	83	56728	18.851	ug/l	95
48) Methyl methacrylate	7.702	41	55780	19.641	ug/l	88
49) 1,4-Dioxane	7.665	88	21961	363.152	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	375636	100.152	ug/l	91
52) Toluene	8.720	92	109416	18.978	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	64365	18.068	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	71020	18.932	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	45966	19.689	ug/l	96
56) Ethyl methacrylate	9.122	69	74145	19.813	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	76788	19.357	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	182968	92.295	ug/l	98
59) 2-Hexanone	9.433	43	286814	100.701	ug/l	88
60) Dibromochloromethane	9.525	129	43662	18.188	ug/l	99
61) 1,2-Dibromoethane	9.610	107	48748	19.571	ug/l	99
64) Tetrachloroethene	9.275	164	48282	19.878	ug/l	96
65) Chlorobenzene	10.079	112	120047	19.219	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	42571	18.365	ug/l	98
67) Ethyl Benzene	10.195	91	206367	19.049	ug/l	99
68) m/p-Xylenes	10.305	106	161201	38.691	ug/l	96
69) o-Xylene	10.646	106	77573	18.779	ug/l	100
70) Styrene	10.659	104	125737	19.212	ug/l	99
71) Bromoform	10.805	173	29662	18.177	ug/l #	99
73) Isopropylbenzene	10.963	105	201283	18.564	ug/l	98
74) N-amyl acetate	10.848	43	94613	19.127	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	68425	19.373	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	62012m	19.612	ug/l	
77) Bromobenzene	11.201	156	49315	18.855	ug/l	95
78) n-propylbenzene	11.305	91	231527	18.868	ug/l	98
79) 2-Chlorotoluene	11.366	91	139621	19.041	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	169749	19.224	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	19583	16.653	ug/l	90
82) 4-Chlorotoluene	11.457	91	155736	18.773	ug/l	97
83) tert-Butylbenzene	11.719	119	163341	18.859	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	170148	19.372	ug/l	100
85) sec-Butylbenzene	11.896	105	208474	18.563	ug/l	99
86) p-Isopropyltoluene	12.012	119	174442	19.235	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	91346	18.878	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	91238	18.582	ug/l	98
89) n-Butylbenzene	12.335	91	153012	18.638	ug/l	97
90) Hexachloroethane	12.542	117	25927	17.255	ug/l	90
91) 1,2-Dichlorobenzene	12.341	146	90128	19.236	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13446	17.146	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	54268	18.435	ug/l	97
94) Hexachlorobutadiene	13.725	225	25638	19.407	ug/l	98
95) Naphthalene	13.780	128	196173	19.383	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	57160	19.229	ug/l	99

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

