

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090921\
 Data File : VX024142.D
 Acq On : 09 Sep 2021 15:45
 Operator : JC/MD
 Sample : VX0909WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0909WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 12:45:47 PM

Quant Time: Sep 10 07:29:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	161789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	247529	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108684	48.132	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.260%
35) Dibromofluoromethane	5.391	113	83214	50.792	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.580%
50) Toluene-d8	8.653	98	288211	46.220	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.440%
62) 4-Bromofluorobenzene	11.085	95	115398	50.272	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	31197	18.276	ug/l	100
3) Chloromethane	1.294	50	28559	15.241	ug/l	96
4) Vinyl Chloride	1.373	62	28524	15.608	ug/l	97
5) Bromomethane	1.605	94	22454	19.542	ug/l	94
6) Chloroethane	1.684	64	19268	14.681	ug/l	98
7) Trichlorofluoromethane	1.886	101	51540	17.858	ug/l	94
8) Diethyl Ether	2.142	74	16732	16.601	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	28835	17.756	ug/l	93
10) Methyl Iodide	2.452	142	34707	15.349	ug/l	91
11) Tert butyl alcohol	2.971	59	43157	94.508	ug/l	98
12) 1,1-Dichloroethene	2.318	96	26977	17.374	ug/l	92
13) Acrolein	2.239	56	20119	74.036	ug/l	98
14) Allyl chloride	2.666	41	46910	16.394	ug/l	88
15) Acrylonitrile	3.068	53	81590	80.189	ug/l	99
16) Acetone	2.385	43	96537	95.615	ug/l	90
17) Carbon Disulfide	2.513	76	61672	16.654	ug/l	98
18) Methyl Acetate	2.709	43	53546	21.245	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	96965	17.943	ug/l	100
20) Methylene Chloride	2.794	84	31556	16.362	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	29938	18.051	ug/l	99
22) Diisopropyl ether	3.769	45	96710	16.969	ug/l	97
23) Vinyl Acetate	3.727	43	408572	88.622	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	54063	17.045	ug/l	98
25) 2-Butanone	4.562	43	126054	82.429	ug/l	94
26) 2,2-Dichloropropane	4.483	77	50360	19.345	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	33980	17.219	ug/l	95
28) Bromochloromethane	4.903	49	24813	17.205	ug/l	95
29) Tetrahydrofuran	5.019	42	75200	75.918	ug/l	91
30) Chloroform	5.098	83	59778	17.800	ug/l	99
31) Cyclohexane	5.476	56	48697	16.786	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	51962	18.069	ug/l	97
36) 1,1-Dichloropropene	5.696	75	42201	18.410	ug/l	100
37) Ethyl Acetate	4.726	43	44416	15.763	ug/l	95
38) Carbon Tetrachloride	5.684	117	46153	19.308	ug/l	98
39) Methylcyclohexane	7.385	83	52800	18.917	ug/l	98
40) Benzene	6.043	78	124203	18.324	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	24530	16.059	ug/l	89
42) 1,2-Dichloroethane	6.092	62	53014	19.900	ug/l	95
43) Isopropyl Acetate	6.348	43	75060	17.030	ug/l	92
44) Trichloroethene	7.128	130	34716	18.541	ug/l	95
45) 1,2-Dichloropropane	7.433	63	32437	18.021	ug/l	95
46) Dibromomethane	7.586	93	22696	18.120	ug/l	98
47) Bromodichloromethane	7.823	83	44040	19.436	ug/l	95
48) Methyl methacrylate	7.695	41	45306	21.072	ug/l	85
49) 1,4-Dioxane	7.659	88	14258	313.768	ug/l #	91
51) 4-Methyl-2-Pentanone	8.573	43	242039	84.954	ug/l	90
52) Toluene	8.720	92	79907	18.193	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	46353	17.297	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	49702	18.102	ug/l #	88
55) 1,1,2-Trichloroethane	9.152	97	33682	18.627	ug/l	99
56) Ethyl methacrylate	9.122	69	38906	13.160	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	55335	18.450	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	135307	92.925	ug/l	97
59) 2-Hexanone	9.433	43	189478	86.519	ug/l	87
60) Dibromochloromethane	9.524	129	32986	17.647	ug/l	99
61) 1,2-Dibromoethane	9.610	107	35548	18.609	ug/l	99
64) Tetrachloroethene	9.274	164	35276	19.309	ug/l	92
65) Chlorobenzene	10.079	112	87618	18.356	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	33169	19.524	ug/l	99
67) Ethyl Benzene	10.195	91	155821	18.694	ug/l	100
68) m/p-Xylenes	10.305	106	118862	37.439	ug/l	99
69) o-Xylene	10.646	106	58040	18.603	ug/l	99
70) Styrene	10.658	104	83398	16.408	ug/l	94
71) Bromoform	10.805	173	22723	17.756	ug/l #	98
73) Isopropylbenzene	10.963	105	156888	17.419	ug/l	99
74) N-amyl acetate	10.847	43	62894	15.452	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	51965	17.605	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	49259m	17.883	ug/l	
77) Bromobenzene	11.201	156	39813	17.947	ug/l	94
78) n-propylbenzene	11.305	91	175512	17.037	ug/l	99
79) 2-Chlorotoluene	11.366	91	107457	17.258	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	134679	18.196	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	14196	15.159	ug/l #	84
82) 4-Chlorotoluene	11.457	91	127599	18.054	ug/l	99
83) tert-Butylbenzene	11.719	119	127976	17.802	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	134114	18.172	ug/l	99
85) sec-Butylbenzene	11.896	105	152503	16.756	ug/l	100
86) p-Isopropyltoluene	12.012	119	139104	18.571	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	70241	17.501	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	70614	17.640	ug/l	98
89) n-Butylbenzene	12.335	91	123757	18.504	ug/l	96
90) Hexachloroethane	12.542	117	21267	17.276	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	68762	17.684	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	10621	16.844	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	42455	18.142	ug/l	99
94) Hexachlorobutadiene	13.725	225	21961	21.055	ug/l	98
95) Naphthalene	13.780	128	133125	16.300	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	42307	18.152	ug/l	98

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

