

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091621\
 Data File : VX024279.D
 Acq On : 16 Sep 2021 11:37
 Operator : JC/MD
 Sample : VX0916WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:39:08 PM

Quant Time: Sep 22 08:36:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	160171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235118	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	247474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112492	49.252	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.500%
35) Dibromofluoromethane	5.391	113	87046	55.204	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.400%
50) Toluene-d8	8.653	98	278082	48.411	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.820%
62) 4-Bromofluorobenzene	11.085	95	123827	55.392	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	30337	19.703	ug/l	97
3) Chloromethane	1.295	50	31342	19.493	ug/l	98
4) Vinyl Chloride	1.374	62	30979	19.360	ug/l	99
5) Bromomethane	1.599	94	21591	22.665	ug/l	96
6) Chloroethane	1.685	64	18617	17.614	ug/l	91
7) Trichlorofluoromethane	1.886	101	48408	18.035	ug/l	97
8) Diethyl Ether	2.136	74	17429	18.765	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	31399	19.912	ug/l	96
10) Methyl Iodide	2.453	142	43423	19.904	ug/l	90
11) Tert butyl alcohol	2.971	59	53378	97.890	ug/l	99
12) 1,1-Dichloroethene	2.319	96	29060	19.677	ug/l	93
13) Acrolein	2.240	56	12760	84.765	ug/l	99
14) Allyl chloride	2.666	41	54250	20.213	ug/l	90
15) Acrylonitrile	3.069	53	99363	106.363	ug/l	98
16) Acetone	2.386	43	93758	96.273	ug/l	91
17) Carbon Disulfide	2.514	76	68014	18.377	ug/l	97
18) Methyl Acetate	2.709	43	65012	21.293	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	115262	21.237	ug/l	96
20) Methylene Chloride	2.794	84	36637	19.591	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	31427	19.438	ug/l	89
22) Diisopropyl ether	3.770	45	112448	21.331	ug/l	97
23) Vinyl Acetate	3.727	43	464782	108.589	ug/l	94
24) 1,1-Dichloroethane	3.611	63	62143	20.090	ug/l	98
25) 2-Butanone	4.562	43	145026	101.105	ug/l	90
26) 2,2-Dichloropropane	4.477	77	49983	18.449	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	38267	20.494	ug/l	95
28) Bromochloromethane	4.904	49	28636	22.721	ug/l	95
29) Tetrahydrofuran	5.013	42	86850	96.736	ug/l	90
30) Chloroform	5.099	83	64917	19.735	ug/l	99
31) Cyclohexane	5.477	56	49580	18.558	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	58220	19.776	ug/l	98
36) 1,1-Dichloropropene	5.696	75	41828	19.350	ug/l	98
37) Ethyl Acetate	4.721	43	54749	21.736	ug/l	95
38) Carbon Tetrachloride	5.678	117	46301	19.030	ug/l	97
39) Methylcyclohexane	7.385	83	51385	19.910	ug/l	91
40) Benzene	6.044	78	123151	19.863	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	29252	21.777	ug/l	90
42) 1,2-Dichloroethane	6.092	62	55702	21.545	ug/l	94
43) Isopropyl Acetate	6.349	43	82187	20.498	ug/l	93
44) Trichloroethene	7.129	130	35187	20.199	ug/l	94
45) 1,2-Dichloropropane	7.434	63	32717	19.994	ug/l	95
46) Dibromomethane	7.586	93	25545	21.327	ug/l	98
47) Bromodichloromethane	7.824	83	45436	20.400	ug/l	100
48) Methyl methacrylate	7.696	41	41930	20.959	ug/l	86
49) 1,4-Dioxane	7.665	88	17662	421.633	ug/l #	92
51) 4-Methyl-2-Pentanone	8.580	43	281089	110.015	ug/l	90
52) Toluene	8.720	92	80742	19.870	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	53144	21.040	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	52615	20.129	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	39235	22.672	ug/l	96
56) Ethyl methacrylate	9.122	69	58080	20.920	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	64423	22.858	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	138189	110.341	ug/l	98
59) 2-Hexanone	9.433	43	231585	116.325	ug/l	87
60) Dibromochloromethane	9.525	129	37801	20.322	ug/l	98
61) 1,2-Dibromoethane	9.610	107	41411	22.457	ug/l	100
64) Tetrachloroethene	9.275	164	38375	20.017	ug/l	94
65) Chlorobenzene	10.080	112	100038	19.649	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	37635	19.945	ug/l	98
67) Ethyl Benzene	10.195	91	173842	19.519	ug/l	100
68) m/p-Xylenes	10.305	106	134580	39.469	ug/l	97
69) o-Xylene	10.647	106	66670	19.587	ug/l	99
70) Styrene	10.659	104	110643	20.038	ug/l	97
71) Bromoform	10.799	173	27233	18.032	ug/l #	97
73) Isopropylbenzene	10.964	105	176444	19.090	ug/l	99
74) N-amyl acetate	10.848	43	76593	19.685	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.214	83	62353	20.852	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	58073m	20.348	ug/l	
77) Bromobenzene	11.201	156	44456	19.138	ug/l	97
78) n-propylbenzene	11.305	91	201973	19.343	ug/l	99
79) 2-Chlorotoluene	11.366	91	126826	19.554	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	148444	19.053	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	17705	18.245	ug/l	89
82) 4-Chlorotoluene	11.457	91	144558	19.589	ug/l	99
83) tert-Butylbenzene	11.720	119	143975	19.146	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	150855	19.684	ug/l	98
85) sec-Butylbenzene	11.890	105	182476	19.368	ug/l	100
86) p-Isopropyltoluene	12.012	119	154084	19.483	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	82482	19.823	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	81883	19.279	ug/l	96
89) n-Butylbenzene	12.335	91	134349	19.633	ug/l	96
90) Hexachloroethane	12.543	117	23293	18.281	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	82384	20.182	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12855	18.738	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	48430	20.132	ug/l	99
94) Hexachlorobutadiene	13.725	225	23957	19.943	ug/l	99
95) Naphthalene	13.780	128	153107	18.103	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	46624	19.229	ug/l	98

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

