

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024327.D
 Acq On : 17 Sep 2021 23:25
 Operator : JC/MD
 Sample : VX0917WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:39:47 PM

Quant Time: Sep 22 08:07:33 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	5.562	168	161150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	235921	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	220639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	113882	49.558	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.120%
35) Dibromofluoromethane	5.397	113	93791	59.279	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	118.560%
50) Toluene-d8	8.653	98	329534	57.173	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	114.340%#
62) 4-Bromofluorobenzene	11.085	95	133116	59.345	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	33841	21.846	ug/l	99
3) Chloromethane	1.300	50	36448	22.531	ug/l	97
4) Vinyl Chloride	1.380	62	36860	22.895	ug/l	100
5) Bromomethane	1.599	94	24460	25.521	ug/l	98
6) Chloroethane	1.685	64	20093	18.895	ug/l	95
7) Trichlorofluoromethane	1.886	101	53254	19.719	ug/l	94
8) Diethyl Ether	2.142	74	18389	19.679	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	29554	18.628	ug/l	95
10) Methyl Iodide	2.459	142	38017	17.321	ug/l	93
11) Tert butyl alcohol	2.983	59	53566	97.578	ug/l	99
12) 1,1-Dichloroethene	2.325	96	28376	19.097	ug/l	93
13) Acrolein	2.245	56	14793	97.673	ug/l	97
14) Allyl chloride	2.672	41	48547	17.978	ug/l	88
15) Acrylonitrile	3.075	53	99100	105.437	ug/l	97
16) Acetone	2.392	43	87966	89.777	ug/l	90
17) Carbon Disulfide	2.514	76	63772	17.126	ug/l	97
18) Methyl Acetate	2.715	43	62335	20.292	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	112587	20.618	ug/l	98
20) Methylene Chloride	2.794	84	35303	18.763	ug/l	90
21) trans-1,2-Dichloroethene	3.099	96	32303	19.858	ug/l	89
22) Diisopropyl ether	3.776	45	129354	24.389	ug/l	95
23) Vinyl Acetate	3.733	43	504467	117.144	ug/l	94
24) 1,1-Dichloroethane	3.617	63	72538	23.308	ug/l	98
25) 2-Butanone	4.568	43	155571	107.798	ug/l	92
26) 2,2-Dichloropropane	4.483	77	47059	17.264	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	41677	22.185	ug/l	96
28) Bromochloromethane	4.910	49	26528	20.920	ug/l	96
29) Tetrahydrofuran	5.019	42	95325	105.530	ug/l	89
30) Chloroform	5.105	83	71473	21.596	ug/l	96
31) Cyclohexane	5.483	56	53134	19.768	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	63547	21.454	ug/l	98
36) 1,1-Dichloropropene	5.708	75	48697	22.451	ug/l	100
37) Ethyl Acetate	4.733	43	58396	23.105	ug/l	95
38) Carbon Tetrachloride	5.690	117	54347	22.261	ug/l	98
39) Methylcyclohexane	7.385	83	49670	19.180	ug/l	98
40) Benzene	6.050	78	128865	20.714	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	29780	22.095	ug/l	91
42) 1,2-Dichloroethane	6.098	62	55297	21.316	ug/l	94
43) Isopropyl Acetate	6.354	43	83672	20.797	ug/l	92
44) Trichloroethene	7.135	130	36836	21.074	ug/l	92
45) 1,2-Dichloropropane	7.440	63	34663	21.111	ug/l	96
46) Dibromomethane	7.592	93	25948	21.589	ug/l	96
47) Bromodichloromethane	7.830	83	46016	20.590	ug/l	97
48) Methyl methacrylate	7.702	41	41261	20.554	ug/l #	83
49) 1,4-Dioxane	7.665	88	17612	419.008	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	305358	119.107	ug/l	90
52) Toluene	8.726	92	88156	21.621	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	48519	19.144	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	56195	21.426	ug/l #	89
55) 1,1,2-Trichloroethane	9.159	97	36131	20.807	ug/l	96
56) Ethyl methacrylate	9.122	69	53963	19.472	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	65927	23.312	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	120878	96.190	ug/l	98
59) 2-Hexanone	9.433	43	222115	111.188	ug/l	86
60) Dibromochloromethane	9.525	129	35708	19.232	ug/l	100
61) 1,2-Dibromoethane	9.616	107	42119	22.763	ug/l	99
64) Tetrachloroethene	9.281	164	40070	23.443	ug/l	96
65) Chlorobenzene	10.085	112	95179	20.968	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	35648	21.190	ug/l	98
67) Ethyl Benzene	10.195	91	165990	20.904	ug/l	98
68) m/p-Xylenes	10.305	106	128659	42.321	ug/l	98
69) o-Xylene	10.646	106	62942	20.741	ug/l	96
70) Styrene	10.659	104	105142	21.358	ug/l	97
71) Bromoform	10.805	173	27654	20.381	ug/l #	99
73) Isopropylbenzene	10.963	105	186201	21.164	ug/l	99
74) N-amyl acetate	10.848	43	71687	19.356	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	63471	22.300	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	51206m	18.849	ug/l	
77) Bromobenzene	11.201	156	46741	21.139	ug/l	94
78) n-propylbenzene	11.311	91	186200	18.735	ug/l	99
79) 2-Chlorotoluene	11.366	91	114638	18.569	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	140648	18.966	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	14418	15.609	ug/l #	80
82) 4-Chlorotoluene	11.457	91	132280	18.832	ug/l	99
83) tert-Butylbenzene	11.719	119	134775	18.829	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	141117	19.344	ug/l	99
85) sec-Butylbenzene	11.896	105	172911	19.281	ug/l	99
86) p-Isopropyltoluene	12.012	119	150237	19.958	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	81603	20.604	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	82136	20.317	ug/l	98
89) n-Butylbenzene	12.335	91	128329	19.702	ug/l	96
90) Hexachloroethane	12.542	117	23387	19.283	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	82646	21.270	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13942	21.351	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	44406	19.393	ug/l	100
94) Hexachlorobutadiene	13.725	225	20798	18.189	ug/l	98
95) Naphthalene	13.780	128	144545	17.966	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	46423	20.114	ug/l	96

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

