

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092221\
 Data File : VX024443.D
 Acq On : 22 Sep 2021 18:39
 Operator : JC/MD
 Sample : VX0922WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/23/2021 11:36:59 AM

Quant Time: Sep 23 06:40:47 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	174957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239138	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	119195	47.777	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.560%			
35) Dibromofluoromethane	5.397	113	99005	61.733	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 123.460%			
50) Toluene-d8	8.653	98	307120	52.567	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.140%			
62) 4-Bromofluorobenzene	11.085	95	118688	52.201	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	32666	19.423	ug/l	98
3) Chloromethane	1.294	50	33136	18.867	ug/l	98
4) Vinyl Chloride	1.374	62	33308	19.056	ug/l	98
5) Bromomethane	1.599	94	21056	20.236	ug/l	99
6) Chloroethane	1.685	64	19537	16.922	ug/l	100
7) Trichlorofluoromethane	1.886	101	52539	17.919	ug/l	96
8) Diethyl Ether	2.142	74	18270	18.008	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	35518	20.621	ug/l	96
10) Methyl Iodide	2.453	142	47718	20.025	ug/l	94
11) Tert butyl alcohol	2.977	59	64169	110.053	ug/l	98
12) 1,1-Dichloroethene	2.319	96	33387	20.697	ug/l	89
13) Acrolein	2.245	56	12176	74.050	ug/l	98
14) Allyl chloride	2.666	41	61420	20.950	ug/l #	94
15) Acrylonitrile	3.075	53	119209	116.823	ug/l	98
16) Acetone	2.386	43	108548	102.040	ug/l	90
17) Carbon Disulfide	2.514	76	67033	16.581	ug/l	98
18) Methyl Acetate	2.715	43	77524	23.245	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	130951	22.088	ug/l	99
20) Methylene Chloride	2.794	84	42144	20.631	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	35882	20.318	ug/l	93
22) Diisopropyl ether	3.770	45	130467	22.658	ug/l	94
23) Vinyl Acetate	3.733	43	515486	110.256	ug/l	94
24) 1,1-Dichloroethane	3.617	63	73035	21.616	ug/l	98
25) 2-Butanone	4.568	43	172835	110.309	ug/l	93
26) 2,2-Dichloropropane	4.483	77	55144	18.633	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	44371	21.755	ug/l	97
28) Bromochloromethane	4.916	49	21942	15.938	ug/l	97
29) Tetrahydrofuran	5.019	42	111783	113.984	ug/l	90
30) Chloroform	5.111	83	79248	22.056	ug/l	95
31) Cyclohexane	5.477	56	57744	19.787	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	68712	21.367	ug/l	99
36) 1,1-Dichloropropene	5.702	75	53438	24.305	ug/l	98
37) Ethyl Acetate	4.727	43	63944	24.960	ug/l	95
38) Carbon Tetrachloride	5.690	117	58216	23.525	ug/l	98
39) Methylcyclohexane	7.385	83	51814	19.739	ug/l	94
40) Benzene	6.050	78	149831	23.760	ug/l	98

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41) Methacrylonitrile	4.934	41	34836	25.498	ug/l	92
42) 1,2-Dichloroethane	6.098	62	63341	24.088	ug/l	94
43) Isopropyl Acetate	6.348	43	96174	23.583	ug/l	92
44) Trichloroethene	7.135	130	41626	23.494	ug/l	94
45) 1,2-Dichloropropane	7.440	63	35935	21.591	ug/l	96
46) Dibromomethane	7.586	93	27598	22.653	ug/l	97
47) Bromodichloromethane	7.830	83	51693	22.819	ug/l	98
48) Methyl methacrylate	7.702	41	47548	23.368	ug/l	87
49) 1,4-Dioxane	7.665	88	21193	497.421	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	299989	115.439	ug/l	89
52) Toluene	8.726	92	88899	21.510	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	51825	20.173	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	53880	20.267	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	39533	22.460	ug/l	97
56) Ethyl methacrylate	9.122	69	60711	21.462	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	65709	22.923	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	120733	94.782	ug/l	97
59) 2-Hexanone	9.433	43	258055	127.441	ug/l	88
60) Dibromochloromethane	9.525	129	36522	19.391	ug/l	100
61) 1,2-Dibromoethane	9.616	107	41166	21.949	ug/l	99
64) Tetrachloroethene	9.275	164	41503	23.434	ug/l	96
65) Chlorobenzene	10.085	112	101744	21.632	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	38411	22.035	ug/l	99
67) Ethyl Benzene	10.195	91	185232	22.513	ug/l	95
68) m/p-Xylenes	10.305	106	140085	44.472	ug/l	97
69) o-Xylene	10.646	106	65366	20.788	ug/l	97
70) Styrene	10.659	104	109797	21.525	ug/l	98
71) Bromoform	10.805	173	26247	18.764	ug/l #	99
73) Isopropylbenzene	10.963	105	175630	20.565	ug/l	99
74) N-amyl acetate	10.848	43	75214	20.921	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	61515	22.265	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	55318m	20.978	ug/l	
77) Bromobenzene	11.201	156	44088	20.541	ug/l	95
78) n-propylbenzene	11.311	91	198321	20.556	ug/l	99
79) 2-Chlorotoluene	11.366	91	124452	20.767	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	149173	20.722	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	16192	18.059	ug/l #	84
82) 4-Chlorotoluene	11.457	91	142493	20.899	ug/l	100
83) tert-Butylbenzene	11.719	119	143983	20.723	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	151247	21.359	ug/l	99
85) sec-Butylbenzene	11.896	105	182933	21.014	ug/l	99
86) p-Isopropyltoluene	12.012	119	152866	20.920	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	82041	21.340	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	83887	21.377	ug/l	98
89) n-Butylbenzene	12.335	91	130904	20.704	ug/l	97
90) Hexachloroethane	12.542	117	22645	19.235	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	81628	21.642	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12406	19.572	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	50351	22.654	ug/l	97
94) Hexachlorobutadiene	13.725	225	23987	21.612	ug/l	96
95) Naphthalene	13.780	128	174506	22.031	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	54593	24.368	ug/l	99

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

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