

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023781.D
 Acq On : 17 Aug 2021 23:09
 Operator : JC/MD
 Sample : VX0817WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:56:25 PM

Quant Time: Aug 18 06:15:11 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	5.562	168	199465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	328072	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	306820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	137838	49.513	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.020%		
35) Dibromofluoromethane	5.397	113	104571	48.158	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.320%		
50) Toluene-d8	8.653	98	403518	48.825	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.660%		
62) 4-Bromofluorobenzene	11.085	95	145583	47.851	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	41067	19.514	ug/l	99
3) Chloromethane	1.294	50	44701	19.349	ug/l	97
4) Vinyl Chloride	1.374	62	44197	19.616	ug/l	98
5) Bromomethane	1.599	94	31227	22.043	ug/l	96
6) Chloroethane	1.685	64	29346	17.750	ug/l	100
7) Trichlorofluoromethane	1.886	101	70970	19.946	ug/l	95
8) Diethyl Ether	2.142	74	24842	19.992	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	39249	19.603	ug/l	97
10) Methyl Iodide	2.453	142	53080	19.040	ug/l	94
11) Tert butyl alcohol	2.977	59	58598	104.083	ug/l	97
12) 1,1-Dichloroethene	2.319	96	38185	19.948	ug/l	96
13) Acrolein	2.239	56	26783	79.943	ug/l	97
14) Allyl chloride	2.672	41	66220	18.771	ug/l	91
15) Acrylonitrile	3.074	53	126725	101.024	ug/l	97
16) Acetone	2.386	43	116552	93.634	ug/l	90
17) Carbon Disulfide	2.514	76	85488	18.724	ug/l	99
18) Methyl Acetate	2.715	43	63357	20.389	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	131410	19.724	ug/l	96
20) Methylene Chloride	2.794	84	45558	19.161	ug/l	90
21) trans-1,2-Dichloroethene	3.099	96	40283	19.701	ug/l	95
22) Diisopropyl ether	3.776	45	136661	19.450	ug/l	95
23) Vinyl Acetate	3.733	43	555455	97.725	ug/l #	93
24) 1,1-Dichloroethane	3.617	63	77549	19.832	ug/l	99
25) 2-Butanone	4.568	43	186567	98.955	ug/l	93
26) 2,2-Dichloropropane	4.489	77	48910	15.240	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	47517	19.530	ug/l	98
28) Bromochloromethane	4.910	49	34312	19.298	ug/l	94
29) Tetrahydrofuran	5.019	42	122718	100.489	ug/l	88
30) Chloroform	5.105	83	80477	19.437	ug/l	96
31) Cyclohexane	5.476	56	68350	19.110	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	69466	19.593	ug/l	97
36) 1,1-Dichloropropene	5.702	75	56416	18.569	ug/l	99
37) Ethyl Acetate	4.727	43	69596	18.635	ug/l #	94
38) Carbon Tetrachloride	5.684	117	58533	18.476	ug/l	97
39) Methylcyclohexane	7.385	83	67581	18.269	ug/l	94
40) Benzene	6.043	78	169770	18.897	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	38344	18.939	ug/l	91
42) 1,2-Dichloroethane	6.098	62	66885	18.943	ug/l	96
43) Isopropyl Acetate	6.348	43	109895	18.812	ug/l	92
44) Trichloroethene	7.135	130	46561	18.762	ug/l	95
45) 1,2-Dichloropropane	7.440	63	44515	18.660	ug/l	93
46) Dibromomethane	7.586	93	30985	18.664	ug/l	98
47) Bromodichloromethane	7.830	83	55133	18.358	ug/l	100
48) Methyl methacrylate	7.696	41	54124	18.993	ug/l	86
49) 1,4-Dioxane	7.665	88	24034	399.056	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	375306	99.389	ug/l	90
52) Toluene	8.726	92	110070	18.908	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	60261	17.007	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	64409	17.699	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	45017	18.783	ug/l	97
56) Ethyl methacrylate	9.122	69	70448	17.701	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	75078	18.887	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	164184	85.075	ug/l	97
59) 2-Hexanone	9.433	43	296514	102.154	ug/l	86
60) Dibromochloromethane	9.525	129	42496	17.201	ug/l	100
61) 1,2-Dibromoethane	9.616	107	48261	19.061	ug/l	100
64) Tetrachloroethene	9.281	164	45881	18.722	ug/l	96
65) Chlorobenzene	10.085	112	120175	18.770	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	42875	18.815	ug/l	99
67) Ethyl Benzene	10.195	91	211456	18.913	ug/l	99
68) m/p-Xylenes	10.305	106	161417	37.904	ug/l	99
69) o-Xylene	10.646	106	77851	18.603	ug/l	98
70) Styrene	10.659	104	129845	19.045	ug/l	97
71) Bromoform	10.805	173	29428	17.210	ug/l #	99
73) Isopropylbenzene	10.963	105	207366	19.306	ug/l	98
74) N-amyl acetate	10.847	43	94409	19.450	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	69951	19.872	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	64656m	19.683	ug/l	
77) Bromobenzene	11.201	156	53530	20.234	ug/l	93
78) n-propylbenzene	11.305	91	233106	18.975	ug/l	98
79) 2-Chlorotoluene	11.366	91	144615	19.476	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	172186	19.507	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	18183	16.282	ug/l #	79
82) 4-Chlorotoluene	11.457	91	162010	19.222	ug/l	99
83) tert-Butylbenzene	11.719	119	167321	19.518	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	175232	19.910	ug/l	98
85) sec-Butylbenzene	11.896	105	211459	19.483	ug/l	100
86) p-Isopropyltoluene	12.012	119	171978	19.253	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	92980	19.426	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	92108	19.295	ug/l	99
89) n-Butylbenzene	12.335	91	146904	18.419	ug/l	97
90) Hexachloroethane	12.542	117	25654	17.458	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	89033	19.201	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13518	17.832	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	51409	18.421	ug/l	98
94) Hexachlorobutadiene	13.725	225	23063	18.542	ug/l	99
95) Naphthalene	13.780	128	181012	18.406	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	53203	19.142	ug/l	97

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

