

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082621\
 Data File : VX023957.D
 Acq On : 26 Aug 2021 11:27
 Operator : JC/MD
 Sample : VX0826WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/27/2021 4:45:19 PM

Quant Time: Aug 27 05:54:00 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	187171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	296647	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	274469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	141041	53.991	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.980%	
35) Dibromofluoromethane	5.391	113	104783	53.367	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.740%	
50) Toluene-d8	8.653	98	390338	52.234	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.460%	
62) 4-Bromofluorobenzene	11.085	95	147312	53.549	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	40157	20.335	ug/l	98
3) Chloromethane	1.294	50	43319	19.983	ug/l	98
4) Vinyl Chloride	1.374	62	42660	20.177	ug/l	98
5) Bromomethane	1.605	94	31003	23.323	ug/l	99
6) Chloroethane	1.685	64	27073	17.476	ug/l	99
7) Trichlorofluoromethane	1.886	101	70378	21.079	ug/l	94
8) Diethyl Ether	2.142	74	24371	20.902	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	39859	21.215	ug/l	96
10) Methyl Iodide	2.453	142	55943	21.385	ug/l	95
11) Tert butyl alcohol	2.977	59	57414	108.679	ug/l	99
12) 1,1-Dichloroethene	2.319	96	38322	21.334	ug/l	91
13) Acrolein	2.239	56	25322	80.546	ug/l	98
14) Allyl chloride	2.672	41	71739	21.671	ug/l	89
15) Acrylonitrile	3.075	53	127391	108.225	ug/l	97
16) Acetone	2.386	43	126589	108.378	ug/l #	88
17) Carbon Disulfide	2.514	76	93669	21.864	ug/l	100
18) Methyl Acetate	2.709	43	62742	21.517	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	139970	22.389	ug/l	99
20) Methylene Chloride	2.794	84	45803	20.529	ug/l	89
21) trans-1,2-Dichloroethene	3.099	96	40887	21.310	ug/l	94
22) Diisopropyl ether	3.770	45	144108	21.857	ug/l	91
23) Vinyl Acetate	3.733	43	596176	111.778	ug/l #	94
24) 1,1-Dichloroethane	3.617	63	80226	21.864	ug/l	98
25) 2-Butanone	4.568	43	193153	109.178	ug/l	92
26) 2,2-Dichloropropane	4.483	77	67032	22.258	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	48884	21.412	ug/l	94
28) Bromochloromethane	4.904	49	37069	22.218	ug/l	91
29) Tetrahydrofuran	5.019	42	121531	106.053	ug/l	88
30) Chloroform	5.105	83	84992	21.875	ug/l	100
31) Cyclohexane	5.477	56	70712	21.069	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	73997	22.242	ug/l	97
36) 1,1-Dichloropropene	5.702	75	61121	22.249	ug/l	98
37) Ethyl Acetate	4.727	43	72595	21.498	ug/l	95
38) Carbon Tetrachloride	5.684	117	64485	22.510	ug/l	95
39) Methylcyclohexane	7.385	83	71784	21.461	ug/l	95
40) Benzene	6.044	78	177953	21.907	ug/l	99

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41) Methacrylonitrile	4.928	41	39662	21.666	ug/l	91
42) 1,2-Dichloroethane	6.098	62	72054	22.569	ug/l	94
43) Isopropyl Acetate	6.348	43	115400	21.848	ug/l	92
44) Trichloroethene	7.129	130	48004	21.392	ug/l	98
45) 1,2-Dichloropropane	7.440	63	46763	21.679	ug/l	99
46) Dibromomethane	7.586	93	33472	22.298	ug/l	96
47) Bromodichloromethane	7.830	83	61805	22.759	ug/l	96
48) Methyl methacrylate	7.702	41	56899	22.082	ug/l #	83
49) 1,4-Dioxane	7.665	88	23672	434.682	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	381256	111.660	ug/l	88
52) Toluene	8.726	92	113727	21.606	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	68577	20.852	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	73287	22.272	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	47974	22.137	ug/l	99
56) Ethyl methacrylate	9.122	69	74004	20.441	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	78922	21.958	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	180137	103.229	ug/l	96
59) 2-Hexanone	9.433	43	302104	115.105	ug/l	85
60) Dibromochloromethane	9.525	129	46516	20.467	ug/l	100
61) 1,2-Dibromoethane	9.616	107	50275	21.960	ug/l	98
64) Tetrachloroethene	9.275	164	48307	22.036	ug/l	93
65) Chlorobenzene	10.086	112	125549	21.921	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	45894	22.514	ug/l	99
67) Ethyl Benzene	10.195	91	218333	21.830	ug/l	98
68) m/p-Xylenes	10.305	106	168578	44.252	ug/l	97
69) o-Xylene	10.646	106	82652	22.078	ug/l	97
70) Styrene	10.659	104	138553	22.718	ug/l	97
71) Bromoform	10.805	173	33080	21.130	ug/l #	98
73) Isopropylbenzene	10.963	105	218597	20.893	ug/l	100
74) N-amyl acetate	10.848	43	101024	21.366	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	76642	22.352	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	69186m	21.622	ug/l	
77) Bromobenzene	11.201	156	55151	21.402	ug/l	97
78) n-propylbenzene	11.305	91	253142	21.154	ug/l	99
79) 2-Chlorotoluene	11.366	91	155822	21.544	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	187947	21.860	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	22289	20.490	ug/l #	85
82) 4-Chlorotoluene	11.457	91	178402	21.731	ug/l	100
83) tert-Butylbenzene	11.719	119	180877	21.661	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	186827	21.793	ug/l	99
85) sec-Butylbenzene	11.896	105	229837	21.740	ug/l	100
86) p-Isopropyltoluene	12.012	119	189622	21.793	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	100929	21.648	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	99438	21.385	ug/l	97
89) n-Butylbenzene	12.335	91	164652	21.193	ug/l	97
90) Hexachloroethane	12.542	117	29589	20.403	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	100030	22.147	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15531	20.645	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	57198	21.041	ug/l	99
94) Hexachlorobutadiene	13.725	225	27196	22.446	ug/l	99
95) Naphthalene	13.780	128	190647	19.797	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	57446	21.219	ug/l	99

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

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