

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071621\
 Data File : VX023317.D
 Acq On : 16 Jul 2021 10:47
 Operator : JC/MD
 Sample : VX0716WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/19/2021 5:53:13 PM

Quant Time: Jul 17 02:07:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	269741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	421693	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	375134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	186748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	178528	49.245	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.480%		
35) Dibromofluoromethane	5.391	113	133539	49.039	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.080%		
50) Toluene-d8	8.653	98	475372	46.798	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.600%		
62) 4-Bromofluorobenzene	11.085	95	186046	47.443	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	44246	18.103	ug/l	97
3) Chloromethane	1.294	50	39049	16.148	ug/l	97
4) Vinyl Chloride	1.374	62	41322	16.131	ug/l	99
5) Bromomethane	1.599	94	23233	13.952	ug/l	95
6) Chloroethane	1.685	64	27465	16.397	ug/l	93
7) Trichlorofluoromethane	1.886	101	78072	17.537	ug/l	100
8) Diethyl Ether	2.142	74	28002	17.042	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	49306	18.926	ug/l	97
10) Methyl Iodide	2.453	142	51760	16.180	ug/l	93
11) Tert butyl alcohol	2.977	59	70483	92.416	ug/l	97
12) 1,1-Dichloroethene	2.319	96	42129	17.521	ug/l	95
13) Acrolein	2.239	56	35496	69.893	ug/l	100
14) Allyl chloride	2.666	41	76277	18.256	ug/l	91
15) Acrylonitrile	3.068	53	143984	97.091	ug/l	98
16) Acetone	2.386	43	134017	93.438	ug/l #	88
17) Carbon Disulfide	2.514	76	80294	15.833	ug/l	100
18) Methyl Acetate	2.709	43	68497	19.674	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	173772	19.323	ug/l	99
20) Methylene Chloride	2.794	84	51229	16.589	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	45425	17.492	ug/l	94
22) Diisopropyl ether	3.770	45	158773	18.024	ug/l	98
23) Vinyl Acetate	3.727	43	689862	92.532	ug/l	95
24) 1,1-Dichloroethane	3.617	63	91702	18.425	ug/l	98
25) 2-Butanone	4.568	43	206388	95.425	ug/l	94
26) 2,2-Dichloropropane	4.483	77	83690	20.034	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	57029	18.131	ug/l	96
28) Bromochloromethane	4.904	49	41339	17.507	ug/l	100
29) Tetrahydrofuran	5.013	42	130852	94.118	ug/l	92
30) Chloroform	5.105	83	100273	18.650	ug/l	99
31) Cyclohexane	5.470	56	72021	16.592	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	91410	19.521	ug/l	100
36) 1,1-Dichloropropene	5.702	75	66827	17.776	ug/l	100
37) Ethyl Acetate	4.727	43	77816	18.975	ug/l	97
38) Carbon Tetrachloride	5.684	117	78810	20.084	ug/l	94
39) Methylcyclohexane	7.385	83	77901	17.718	ug/l	97
40) Benzene	6.044	78	194850	17.853	ug/l	98

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41) Methacrylonitrile	4.928	41	42932	18.727	ug/l	93
42) 1,2-Dichloroethane	6.092	62	86054	19.621	ug/l	94
43) Isopropyl Acetate	6.348	43	127958	18.759	ug/l	94
44) Trichloroethene	7.135	130	56051	18.103	ug/l	100
45) 1,2-Dichloropropane	7.434	63	52863	18.554	ug/l	96
46) Dibromomethane	7.586	93	38264	18.805	ug/l	98
47) Bromodichloromethane	7.824	83	74334	20.009	ug/l	98
48) Methyl methacrylate	7.696	41	61550	18.389	ug/l	89
49) 1,4-Dioxane	7.665	88	27064	359.272	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	407645	96.441	ug/l	92
52) Toluene	8.720	92	126558	17.917	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	77595	18.354	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	83251	18.458	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	55317	18.649	ug/l	98
56) Ethyl methacrylate	9.122	69	83365	18.188	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	89338	18.222	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	238996	98.700	ug/l	100
59) 2-Hexanone	9.433	43	311574	96.071	ug/l	89
60) Dibromochloromethane	9.525	129	55461	18.815	ug/l	98
61) 1,2-Dibromoethane	9.610	107	57250	18.805	ug/l	100
64) Tetrachloroethene	9.275	164	58181	19.445	ug/l	95
65) Chlorobenzene	10.086	112	143813	19.394	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	55718	20.781	ug/l	99
67) Ethyl Benzene	10.195	91	248905	18.987	ug/l	98
68) m/p-Xylenes	10.305	106	194539	38.870	ug/l	100
69) o-Xylene	10.646	106	95107	18.855	ug/l	97
70) Styrene	10.659	104	158192	19.200	ug/l	97
71) Bromoform	10.805	173	39367	19.928	ug/l #	100
73) Isopropylbenzene	10.963	105	256558	19.501	ug/l	100
74) N-amyl acetate	10.848	43	104965	18.802	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	82132	19.650	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	79650m	21.195	ug/l	
77) Bromobenzene	11.201	156	62498	19.027	ug/l	98
78) n-propylbenzene	11.305	91	289079	19.002	ug/l	98
79) 2-Chlorotoluene	11.366	91	179809	19.124	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	219816	19.405	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24683	21.361	ug/l	90
82) 4-Chlorotoluene	11.457	91	207371	19.531	ug/l	99
83) tert-Butylbenzene	11.719	119	214827	19.981	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	218912	19.556	ug/l	98
85) sec-Butylbenzene	11.896	105	274195	19.820	ug/l	99
86) p-Isopropyltoluene	12.012	119	229968	19.816	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	116956	18.962	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	117032	18.844	ug/l	96
89) n-Butylbenzene	12.335	91	191887	18.876	ug/l	98
90) Hexachloroethane	12.542	117	36171	20.124	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	117285	19.115	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20230	21.286	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	73279	19.388	ug/l	99
94) Hexachlorobutadiene	13.725	225	33608	21.001	ug/l	98
95) Naphthalene	13.780	128	250814	18.807	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	76090	20.016	ug/l	99

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

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