

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052521\
 Data File : VX022168.D
 Acq On : 25 May 2021 11:47
 Operator : JC/MD
 Sample : VX0525WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/27/2021 10:30:09 AM

Quant Time: May 26 01:54:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	87990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	163654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66488	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	65927	48.57	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.14%		
35) Dibromofluoromethane	5.391	113	50518	48.68	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.36%		
50) Toluene-d8	8.653	98	200532	50.16	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.32%		
62) 4-Bromofluorobenzene	11.085	95	72866	49.31	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.62%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	19781	18.49	ug/l	96
3) Chloromethane	1.294	50	19830	17.19	ug/l	98
4) Vinyl Chloride	1.374	62	22048	18.06	ug/l	98
5) Bromomethane	1.599	94	12472	17.52	ug/l	92
6) Chloroethane	1.685	64	12813	17.62	ug/l	97
7) Trichlorofluoromethane	1.886	101	32076	18.27	ug/l	96
8) Diethyl Ether	2.136	74	13258	17.56	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	19580	18.78	ug/l	92
10) Methyl Iodide	2.453	142	16787	14.98	ug/l	94
11) Tert butyl alcohol	2.977	59	31101	100.18	ug/l	99
12) 1,1-Dichloroethene	2.319	96	18452	18.30	ug/l	95
13) Acrolein	2.239	56	17516	85.07	ug/l	93
14) Allyl chloride	2.666	41	33601	18.14	ug/l	97
15) Acrylonitrile	3.068	53	60331	98.71	ug/l	98
16) Acetone	2.386	43	56022	94.79	ug/l	95
17) Carbon Disulfide	2.514	76	41150	15.58	ug/l	97
18) Methyl Acetate	2.709	43	30206	19.22	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	65109	18.85	ug/l	100
20) Methylene Chloride	2.794	84	22901	17.45	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	20019	18.25	ug/l	95
22) Diisopropyl ether	3.769	45	65046	18.23	ug/l	98
23) Vinyl Acetate	3.727	43	316631	92.18	ug/l	97
24) 1,1-Dichloroethane	3.611	63	38355	18.32	ug/l	97
25) 2-Butanone	4.568	43	92682	96.93	ug/l	94
26) 2,2-Dichloropropane	4.477	77	33645	18.10	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	24366	18.27	ug/l	97
28) Bromochloromethane	4.903	49	17567	17.30	ug/l	84
29) Tetrahydrofuran	5.013	42	52777	92.74	ug/l	92
30) Chloroform	5.105	83	39687	18.35	ug/l	97
31) Cyclohexane	5.476	56	30694	18.00	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	34746	18.80	ug/l	98
36) 1,1-Dichloropropene	5.702	75	28845	19.06	ug/l	100
37) Ethyl Acetate	4.727	43	35666	19.23	ug/l	95
38) Carbon Tetrachloride	5.684	117	28560	19.29	ug/l	94
39) Methylcyclohexane	7.385	83	31978	18.63	ug/l	97
40) Benzene	6.043	78	90656	19.47	ug/l	99

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41) Methacrylonitrile	4.928	41	19392	19.54	ug/l	94
42) 1,2-Dichloroethane	6.098	62	31472	19.29	ug/l	99
43) Isopropyl Acetate	6.348	43	59010	19.45	ug/l	95
44) Trichloroethene	7.129	130	22352	19.32	ug/l	94
45) 1,2-Dichloropropane	7.433	63	23407	19.71	ug/l	96
46) Dibromomethane	7.586	93	15513	19.25	ug/l #	87
47) Bromodichloromethane	7.824	83	30737	19.06	ug/l	99
48) Methyl methacrylate	7.702	41	26739	19.12	ug/l	91
49) 1,4-Dioxane	7.665	88	11503	422.50	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	182519	100.42	ug/l	92
52) Toluene	8.720	92	55190	18.72	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	33486	17.99	ug/l	94
54) cis-1,3-Dichloropropene	8.372	75	37439	18.71	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	22943	19.17	ug/l	99
56) Ethyl methacrylate	9.122	69	37775	19.53	ug/l #	91
57) 1,3-Dichloropropane	9.311	76	39897	19.52	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	98827	94.45	ug/l	98
59) 2-Hexanone	9.433	43	136759	100.04	ug/l	93
60) Dibromochloromethane	9.525	129	21412	18.39	ug/l	98
61) 1,2-Dibromoethane	9.616	107	23576	19.78	ug/l	99
64) Tetrachloroethene	9.275	164	18617	18.84	ug/l #	90
65) Chlorobenzene	10.079	112	60280	19.24	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	20790	19.10	ug/l	96
67) Ethyl Benzene	10.195	91	109580	19.01	ug/l	99
68) m/p-Xylenes	10.305	106	82204	37.74	ug/l	98
69) o-Xylene	10.646	106	41581	19.63	ug/l	96
70) Styrene	10.659	104	67199	19.36	ug/l	99
71) Bromoform	10.805	173	13155	16.74	ug/l #	100
73) Isopropylbenzene	10.963	105	105747	18.79	ug/l	100
74) N-amyl acetate	10.848	43	51031	19.11	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	35715	19.15	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	33432m	20.38	ug/l	
77) Bromobenzene	11.201	156	22970	19.25	ug/l	90
78) n-propylbenzene	11.305	91	125998	19.12	ug/l	98
79) 2-Chlorotoluene	11.366	91	74694	18.68	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	92165	19.76	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	11733	16.95	ug/l	96
82) 4-Chlorotoluene	11.457	91	85960	18.66	ug/l	99
83) tert-Butylbenzene	11.719	119	84193	18.82	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	90674	19.31	ug/l	100
85) sec-Butylbenzene	11.896	105	109213	19.21	ug/l	97
86) p-Isopropyltoluene	12.012	119	92309	19.23	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	43687	18.99	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	43240	18.18	ug/l	95
89) n-Butylbenzene	12.335	91	85346	19.22	ug/l	98
90) Hexachloroethane	12.542	117	14261	17.97	ug/l	78
91) 1,2-Dichlorobenzene	12.335	146	42949	19.44	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7779	19.49	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	25637	19.23	ug/l	97
94) Hexachlorobutadiene	13.731	225	9581	18.41	ug/l	97
95) Naphthalene	13.780	128	102611	19.73	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	25276	18.81	ug/l	97

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

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