

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011110.D
 Acq On : 26 Jul 2019 23:59
 Operator : JC/SP
 Sample : VX0726WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 11:52:58 AM

Quant Time: Jul 27 04:16:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	274730	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	132686	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	106710	56.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.18%	
35) Dibromofluoromethane	5.50	113	94630	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
50) Toluene-d8	8.71	98	350388	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
62) 4-Bromofluorobenzene	11.13	95	128202	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	33732	18.042	ug/l	95
3) Chloromethane	1.33	50	31641	19.239	ug/l	99
4) Vinyl Chloride	1.41	62	32857	19.587	ug/l	98
5) Bromomethane	1.64	94	21077	22.297	ug/l	100
6) Chloroethane	1.72	64	22363	20.978	ug/l	94
7) Trichlorofluoromethane	1.93	101	57172	20.134	ug/l	100
8) Diethyl Ether	2.19	74	19602	20.036	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31205	19.247	ug/l	96
10) Methyl Iodide	2.51	142	33193	15.601	ug/l	100
11) Tert butyl alcohol	3.05	59	45162	101.925	ug/l	100
12) 1,1-Dichloroethene	2.37	96	31380	19.699	ug/l	97
13) Acrolein	2.29	56	16258	63.507	ug/l	97
14) Allyl chloride	2.73	41	43843	18.948	ug/l	99
15) Acrylonitrile	3.14	53	91403	102.087	ug/l	100
16) Acetone	2.45	43	75638	88.024	ug/l	99
17) Carbon Disulfide	2.57	76	65220	15.961	ug/l	99
18) Methyl Acetate	2.78	43	45302	23.153	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	104379	20.355	ug/l	97
20) Methylene Chloride	2.85	84	36358	19.966	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	32574	19.272	ug/l	97
22) Diisopropyl ether	3.85	45	99945	20.480	ug/l	97
23) Vinyl Acetate	3.81	43	404938	97.934	ug/l	99
24) 1,1-Dichloroethane	3.70	63	56880	20.070	ug/l	99
25) 2-Butanone	4.67	43	124863	101.227	ug/l	100
26) 2,2-Dichloropropane	4.59	77	33726	14.493	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	38323	19.591	ug/l	98
28) Bromochloromethane	5.02	49	28361	21.236	ug/l	94
29) Tetrahydrofuran	5.13	42	80200	102.643	ug/l	100
30) Chloroform	5.21	83	61290	20.008	ug/l	97
31) Cyclohexane	5.58	56	46689	18.074	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	52627	19.857	ug/l	99
36) 1,1-Dichloropropene	5.80	75	41726	18.490	ug/l	98
37) Ethyl Acetate	4.83	43	46477	20.113	ug/l	99
38) Carbon Tetrachloride	5.79	117	44603	18.968	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	47305	16.165	ug/l	97
40) Benzene	6.14	78	133720	19.344	ug/l	99
41) Methacrylonitrile	5.04	41	25990	19.813	ug/l	95
42) 1,2-Dichloroethane	6.20	62	47928	19.941	ug/l	98
43) Isopropyl Acetate	6.44	43	73887	19.446	ug/l	99
44) Trichloroethene	7.21	130	38545	18.838	ug/l	91
45) 1,2-Dichloropropane	7.51	63	34564	19.645	ug/l	99
46) Dibromomethane	7.66	93	25169	20.020	ug/l	97
47) Bromodichloromethane	7.90	83	44006	19.664	ug/l	95
48) Methyl methacrylate	7.77	41	35184	19.008	ug/l	99
49) 1,4-Dioxane	7.74	88	20172	389.603	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	252539	102.532	ug/l	99
52) Toluene	8.78	92	86660	19.084	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	42505	17.664	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	48736	18.201	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	37754	20.192	ug/l	98
56) Ethyl methacrylate	9.18	69	54217	19.823	ug/l	98
57) 1,3-Dichloropropane	9.37	76	58738	19.803	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	140717	107.779	ug/l	99
59) 2-Hexanone	9.49	43	194584	101.857	ug/l	99
60) Dibromochloromethane	9.58	129	36580	18.667	ug/l	97
61) 1,2-Dibromoethane	9.67	107	38771	19.539	ug/l	100
64) Tetrachloroethene	9.34	164	39052	19.877	ug/l	99
65) Chlorobenzene	10.13	112	98510	19.204	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	34745	19.273	ug/l	96
67) Ethyl Benzene	10.25	91	167867	19.226	ug/l	99
68) m/p-Xylenes	10.36	106	129937	38.796	ug/l	99
69) o-Xylene	10.69	106	63677	19.481	ug/l	100
70) Styrene	10.71	104	106293	19.507	ug/l	98
71) Bromoform	10.85	173	26657	17.961	ug/l #	97
73) Isopropylbenzene	11.02	105	170946	19.067	ug/l	100
74) N-amyl acetate	10.90	43	65156	19.020	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	57774	19.691	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	47756m	19.945	ug/l	
77) Bromobenzene	11.25	156	47120	19.054	ug/l	99
78) n-propylbenzene	11.36	91	184993	18.674	ug/l	99
79) 2-Chlorotoluene	11.42	91	112691	18.937	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	143858	19.202	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	13112	16.749	ug/l	90
82) 4-Chlorotoluene	11.51	91	132408	19.117	ug/l	98
83) tert-Butylbenzene	11.77	119	139745	18.991	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	143174	18.961	ug/l	99
85) sec-Butylbenzene	11.94	105	166972	19.365	ug/l	99
86) p-Isopropyltoluene	12.06	119	150580	18.890	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	82884	19.313	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	81101	18.425	ug/l	97
89) n-Butylbenzene	12.38	91	123120	18.053	ug/l	100
90) Hexachloroethane	12.59	117	22472	17.873	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	84342	19.829	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	12135	19.786	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	54832	19.022	ug/l	97
94) Hexachlorobutadiene	13.78	225	26265	18.387	ug/l	100
95) Naphthalene	13.83	128	175412	20.607	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	57307	19.981	ug/l	99

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

