

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040619\
 Data File : VX008712.D
 Acq On : 06 Apr 2019 11:58
 Operator : JC/SP
 Sample : VX0406WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/9/2019 1:37:31 PM

Quant Time: Apr 08 03:20:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	192508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	316611	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127824	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	135974	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
35) Dibromofluoromethane	5.49	113	100428	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	8.71	98	407407	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	11.13	95	145185	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	35454	16.000	ug/l 99
3) Chloromethane	1.32	50	50447	17.477	ug/l 98
4) Vinyl Chloride	1.40	62	48258	16.110	ug/l 98
5) Bromomethane	1.64	94	24220	17.680	ug/l 98
6) Chloroethane	1.71	64	29225	15.793	ug/l 97
7) Trichlorofluoromethane	1.92	101	56185	16.968	ug/l 95
8) Diethyl Ether	2.19	74	26576	16.924	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	35701	16.746	ug/l 98
10) Methyl Iodide	2.51	142	28670	17.587	ug/l 99
11) Tert butyl alcohol	3.05	59	56605	86.111	ug/l 100
12) 1,1-Dichloroethene	2.37	96	36287	16.305	ug/l 98
13) Acrolein	2.29	56	45115	138.411	ug/l 100
14) Allyl chloride	2.73	41	84368	16.559	ug/l 100
15) Acrylonitrile	3.14	53	149954	86.109	ug/l 99
16) Acetone	2.45	43	143563	88.771	ug/l 99
17) Carbon Disulfide	2.57	76	104285	15.719	ug/l 99
18) Methyl Acetate	2.77	43	67004	17.083	ug/l 100
19) Methyl tert-butyl Ether	3.20	73	139350	17.533	ug/l 100
20) Methylene Chloride	2.85	84	44591	16.472	ug/l 96
21) trans-1,2-Dichloroethene	3.17	96	39004	16.202	ug/l 94
22) Diisopropyl ether	3.85	45	169103	17.221	ug/l 91
23) Vinyl Acetate	3.81	43	749525	87.739	ug/l 100
24) 1,1-Dichloroethane	3.70	63	82632	16.996	ug/l 99
25) 2-Butanone	4.67	43	224428	87.801	ug/l 98
26) 2,2-Dichloropropane	4.58	77	57440	16.774	ug/l 100
27) cis-1,2-Dichloroethene	4.60	96	46322	16.736	ug/l 98
28) Bromochloromethane	5.01	49	45321	20.532	ug/l 100
29) Tetrahydrofuran	5.13	42	145261	85.622	ug/l 100
30) Chloroform	5.21	83	74214	17.090	ug/l 98
31) Cyclohexane	5.58	56	79694	16.427	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	60788	17.323	ug/l 99
36) 1,1-Dichloropropene	5.80	75	57331	16.565	ug/l 99
37) Ethyl Acetate	4.83	43	83622	18.102	ug/l 99
38) Carbon Tetrachloride	5.79	117	49047	17.123	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	71059	16.621	ug/l	98
40) Benzene	6.14	78	176673	17.135	ug/l	100
41) Methacrylonitrile	5.04	41	46376	17.465	ug/l	100
42) 1,2-Dichloroethane	6.19	62	63756	17.249	ug/l	100
43) Isopropyl Acetate	6.45	43	128274	17.726	ug/l	100
44) Trichloroethene	7.21	130	41272	17.187	ug/l	91
45) 1,2-Dichloropropane	7.51	63	51142	17.379	ug/l	100
46) Dibromomethane	7.66	93	29127	17.065	ug/l	99
47) Bromodichloromethane	7.90	83	55851	17.355	ug/l	98
48) Methyl methacrylate	7.77	41	64173	17.531	ug/l	99
49) 1,4-Dioxane	7.74	88	23975	349.625	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	423496	90.910	ug/l	100
52) Toluene	8.78	92	106873	17.582	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	62226	17.262	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	70710	17.166	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	43331	17.759	ug/l	98
56) Ethyl methacrylate	9.18	69	79345	17.973	ug/l	100
57) 1,3-Dichloropropane	9.37	76	76493	17.459	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	206821	91.749	ug/l	99
59) 2-Hexanone	9.49	43	324104	89.525	ug/l	100
60) Dibromochloromethane	9.58	129	41033	17.847	ug/l	99
61) 1,2-Dibromoethane	9.67	107	44399	17.479	ug/l	99
64) Tetrachloroethene	9.34	164	36169	17.410	ug/l	97
65) Chlorobenzene	10.14	112	108410	17.442	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	38318	17.573	ug/l	99
67) Ethyl Benzene	10.25	91	200813	17.326	ug/l	99
68) m/p-Xylenes	10.36	106	144840	34.757	ug/l	100
69) o-Xylene	10.69	106	71010	17.583	ug/l	99
70) Styrene	10.71	104	122770	17.636	ug/l	100
71) Bromoform	10.85	173	29366	17.633	ug/l #	99
73) Isopropylbenzene	11.02	105	189456	17.885	ug/l	100
74) N-amyl acetate	10.90	43	109564	17.580	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70644	17.535	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	61663m	17.561	ug/l	
77) Bromobenzene	11.26	156	45256	17.771	ug/l	99
78) n-propylbenzene	11.36	91	215992	17.511	ug/l	100
79) 2-Chlorotoluene	11.42	91	130375	17.467	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	158991	17.880	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	22059	17.317	ug/l	95
82) 4-Chlorotoluene	11.51	91	148467	17.184	ug/l	99
83) tert-Butylbenzene	11.77	119	150963	17.647	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	159967	17.767	ug/l	99
85) sec-Butylbenzene	11.94	105	181061	17.818	ug/l	99
86) p-Isopropyltoluene	12.06	119	162066	17.769	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	77733	17.050	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	78029	16.902	ug/l	98
89) n-Butylbenzene	12.38	91	147776	17.277	ug/l	100
90) Hexachloroethane	12.60	117	26857	17.754	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	78624	17.370	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15365	17.337	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	53542	17.012	ug/l	99
94) Hexachlorobutadiene	13.78	225	27082	17.943	ug/l	98
95) Naphthalene	13.83	128	178600	16.979	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	52429	16.673	ug/l	99

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

