

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006512.D
 Acq On : 14 Dec 2018 12:32
 Operator : JC/MD
 Sample : VX1214WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/17/2018 12:12:14 PM

Quant Time: Dec 15 04:47:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	600536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	916472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	839342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	448094	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	310293	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
35) Dibromofluoromethane	5.51	113	288083	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	8.71	98	1055488	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	11.13	95	413685	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	123721	21.041	ug/l	97
3) Chloromethane	1.33	50	124646	20.628	ug/l	95
4) Vinyl Chloride	1.41	62	132812	20.422	ug/l	100
5) Bromomethane	1.64	94	129535	28.741	ug/l	97
6) Chloroethane	1.71	64	82435	20.674	ug/l	99
7) Trichlorofluoromethane	1.93	101	214638	21.501	ug/l	99
8) Diethyl Ether	2.19	74	79887	21.145	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	128759	22.683	ug/l	98
10) Methyl Iodide	2.51	142	182360	21.317	ug/l	99
11) Tert butyl alcohol	3.07	59	160010	95.440	ug/l	97
12) 1,1-Dichloroethene	2.37	96	113504	20.888	ug/l	95
13) Acrolein	2.29	56	85511	93.318	ug/l	99
14) Allyl chloride	2.73	41	196209	18.279	ug/l	98
15) Acrylonitrile	3.15	53	344752	98.541	ug/l	99
16) Acetone	2.45	43	283990	98.710	ug/l	97
17) Carbon Disulfide	2.57	76	293348	17.519	ug/l	100
18) Methyl Acetate	2.78	43	193769	20.140	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	400224	20.646	ug/l	99
20) Methylene Chloride	2.85	84	129578	21.163	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	124101	21.430	ug/l	95
22) Diisopropyl ether	3.87	45	357468	21.320	ug/l	94
23) Vinyl Acetate	3.82	43	1464607	102.416	ug/l	100
24) 1,1-Dichloroethane	3.70	63	205793	21.474	ug/l	100
25) 2-Butanone	4.70	43	421899	102.775	ug/l	94
26) 2,2-Dichloropropane	4.58	77	175148	19.803	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	143391	22.199	ug/l	97
28) Bromochloromethane	5.02	49	83840	20.029	ug/l	98
29) Tetrahydrofuran	5.15	42	291968	102.336	ug/l	98
30) Chloroform	5.21	83	222848	22.128	ug/l	98
31) Cyclohexane	5.57	56	197080	22.252	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	197847	20.647	ug/l	99
36) 1,1-Dichloropropene	5.80	75	167784	21.740	ug/l	98
37) Ethyl Acetate	4.85	43	168820	19.533	ug/l	99
38) Carbon Tetrachloride	5.78	117	168163	18.522	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	223308	22.291	ug/l	98
40) Benzene	6.14	78	505640	21.875	ug/l	97
41) Methacrylonitrile	5.06	41	91466	19.233	ug/l	97
42) 1,2-Dichloroethane	6.20	62	166631	22.026	ug/l	100
43) Isopropyl Acetate	6.46	43	268946	18.664	ug/l	99
44) Trichloroethene	7.21	130	148737	21.240	ug/l	95
45) 1,2-Dichloropropane	7.52	63	121813	20.735	ug/l	99
46) Dibromomethane	7.66	93	88535	20.867	ug/l	95
47) Bromodichloromethane	7.90	83	153138	18.638	ug/l	99
48) Methyl methacrylate	7.77	41	134166	19.139	ug/l	96
49) 1,4-Dioxane	7.75	88	72975	422.362	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	845418	100.781	ug/l	98
52) Toluene	8.79	92	336237	22.110	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	169941	17.685	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	190780	19.120	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	136449	22.086	ug/l	97
56) Ethyl methacrylate	9.18	69	197381	20.436	ug/l	96
57) 1,3-Dichloropropane	9.37	76	211820	21.682	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	461266	94.115	ug/l	99
59) 2-Hexanone	9.49	43	644264	100.526	ug/l	98
60) Dibromochloromethane	9.59	129	133180	17.482	ug/l	98
61) 1,2-Dibromoethane	9.67	107	143981	20.843	ug/l	100
64) Tetrachloroethene	9.34	164	143142	22.645	ug/l	97
65) Chlorobenzene	10.14	112	384154	21.561	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	132882	19.195	ug/l	99
67) Ethyl Benzene	10.25	91	642468	21.680	ug/l	100
68) m/p-Xylenes	10.36	106	519747	43.785	ug/l	100
69) o-Xylene	10.70	106	253098	21.586	ug/l	98
70) Styrene	10.71	104	406949	21.459	ug/l	99
71) Bromoform	10.86	173	98178	15.024	ug/l #	97
73) Isopropylbenzene	11.02	105	680893	22.003	ug/l	99
74) N-amyl acetate	10.90	43	244422	18.342	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	199831	20.185	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	186196m	21.528	ug/l	
77) Bromobenzene	11.26	156	179630	20.917	ug/l	98
78) n-propylbenzene	11.36	91	747735	21.738	ug/l	100
79) 2-Chlorotoluene	11.42	91	443646	21.700	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	559560	21.733	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	53915	14.629	ug/l	88
82) 4-Chlorotoluene	11.51	91	518783	21.825	ug/l	100
83) tert-Butylbenzene	11.77	119	583534	21.242	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	580456	21.833	ug/l	99
85) sec-Butylbenzene	11.94	105	688160	22.020	ug/l	100
86) p-Isopropyltoluene	12.06	119	622615	22.124	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	328272	21.483	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	328039	21.151	ug/l	98
89) n-Butylbenzene	12.39	91	514632	21.433	ug/l	99
90) Hexachloroethane	12.60	117	92221	16.079	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	323087	21.304	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40185	15.835	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	225986	20.425	ug/l	99
94) Hexachlorobutadiene	13.78	225	105233	21.507	ug/l	100
95) Naphthalene	13.83	128	704303	20.464	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	227914	20.797	ug/l	98

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

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