

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005080.D
 Acq On : 05 Oct 2018 21:31
 Operator : JC/MD
 Sample : VX1005WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 2:02:41 PM

Quant Time: Oct 06 00:17:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234757	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	320004	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187782	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	161248	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.16%		
35) Dibromofluoromethane	5.50	113	131014	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.62%		
50) Toluene-d8	8.71	98	474039	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.16%		
62) 4-Bromofluorobenzene	11.14	95	176744	54.41	ug/l	0.00
Spiked Amount 50.000			Recovery =	108.82%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	60082	18.771	ug/l	94
3) Chloromethane	1.32	50	70859	18.247	ug/l	100
4) Vinyl Chloride	1.40	62	68070	18.689	ug/l	100
5) Bromomethane	1.64	94	39576	18.324	ug/l	91
6) Chloroethane	1.71	64	41210	19.334	ug/l	97
7) Trichlorofluoromethane	1.92	101	89265	19.797	ug/l	93
8) Diethyl Ether	2.18	74	38282	19.543	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	50593	19.698	ug/l	98
10) Methyl Iodide	2.51	142	49588	14.427	ug/l	91
11) Tert butyl alcohol	3.07	59	90706	96.735	ug/l	99
12) 1,1-Dichloroethene	2.37	96	48933	19.237	ug/l	95
13) Acrolein	2.29	56	16739	25.090	ug/l	88
14) Allyl chloride	2.73	41	107129	19.302	ug/l	95
15) Acrylonitrile	3.15	53	210989	102.215	ug/l	96
16) Acetone	2.45	43	178964	91.409	ug/l	93
17) Carbon Disulfide	2.57	76	123290	16.130	ug/l	98
18) Methyl Acetate	2.78	43	121456	24.485	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	185335	21.123	ug/l	90
20) Methylene Chloride	2.86	84	61845	21.243	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	51596	18.530	ug/l #	71
22) Diisopropyl ether	3.87	45	194203	20.780	ug/l #	87
23) Vinyl Acetate	3.82	43	831561	97.204	ug/l	95
24) 1,1-Dichloroethane	3.70	63	106407	19.087	ug/l	99
25) 2-Butanone	4.70	43	277901	96.296	ug/l	94
26) 2,2-Dichloropropane	4.57	77	67774	17.458	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	60608	19.484	ug/l	98
28) Bromochloromethane	5.01	49	48359	18.420	ug/l	99
29) Tetrahydrofuran	5.16	42	184763	103.007	ug/l	97
30) Chloroform	5.21	83	107698	20.441	ug/l	93
31) Cyclohexane	5.57	56	83380	19.541	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	82897	19.265	ug/l	96
36) 1,1-Dichloropropene	5.80	75	68555	18.527	ug/l	97
37) Ethyl Acetate	4.86	43	99052	20.166	ug/l	97
38) Carbon Tetrachloride	5.78	117	71333	18.339	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	75938	20.098	ug/l	87
40) Benzene	6.14	78	213813	18.457	ug/l	94
41) Methacrylonitrile	5.06	41	57014	20.931	ug/l	98
42) 1,2-Dichloroethane	6.20	62	80385	19.629	ug/l	98
43) Isopropyl Acetate	6.46	43	142985	20.169	ug/l	94
44) Trichloroethene	7.21	130	56868	19.969	ug/l	95
45) 1,2-Dichloropropane	7.52	63	58761	20.684	ug/l	99
46) Dibromomethane	7.66	93	36063	20.199	ug/l	99
47) Bromodichloromethane	7.90	83	69315	20.736	ug/l	99
48) Methyl methacrylate	7.78	41	69993	21.752	ug/l	98
49) 1,4-Dioxane	7.76	88	31499	394.024	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	498784	111.740	ug/l	99
52) Toluene	8.79	92	130760	20.542	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	72887	19.296	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	82729	20.910	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	56192	20.153	ug/l	96
56) Ethyl methacrylate	9.18	69	84323	20.432	ug/l	97
57) 1,3-Dichloropropane	9.37	76	93035	20.048	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	239028	108.066	ug/l	99
59) 2-Hexanone	9.50	43	388954	104.564	ug/l	95
60) Dibromochloromethane	9.59	129	54935	19.701	ug/l	99
61) 1,2-Dibromoethane	9.67	107	57338	19.202	ug/l	95
64) Tetrachloroethene	9.34	164	60560	19.935	ug/l	95
65) Chlorobenzene	10.14	112	149488	18.887	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	53008	19.050	ug/l	99
67) Ethyl Benzene	10.25	91	244275	19.439	ug/l	94
68) m/p-Xylenes	10.36	106	191420	38.982	ug/l	95
69) o-Xylene	10.70	106	92893	20.596	ug/l	99
70) Styrene	10.71	104	154619	19.685	ug/l	100
71) Bromoform	10.86	173	43424	18.228	ug/l #	95
73) Isopropylbenzene	11.02	105	254570	21.508	ug/l	99
74) N-amyl acetate	10.90	43	119009	19.402	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	91046	18.897	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	84505m	20.078	ug/l	
77) Bromobenzene	11.26	156	68269	19.858	ug/l	99
78) n-propylbenzene	11.36	91	288363	21.233	ug/l	99
79) 2-Chlorotoluene	11.42	91	174853	20.656	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	214229	19.628	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	23429	16.566	ug/l	98
82) 4-Chlorotoluene	11.51	91	205639	20.639	ug/l	99
83) tert-Butylbenzene	11.77	119	207407	21.283	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	220390	19.579	ug/l	99
85) sec-Butylbenzene	11.94	105	255763	21.547	ug/l	100
86) p-Isopropyltoluene	12.07	119	224991	20.921	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	125448	19.542	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	128652	19.414	ug/l	99
89) n-Butylbenzene	12.39	91	196868	20.157	ug/l	99
90) Hexachloroethane	12.60	117	33842	18.900	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	126276	18.823	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20920	19.775	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	92407	19.636	ug/l	98
94) Hexachlorobutadiene	13.79	225	47229	19.353	ug/l	99
95) Naphthalene	13.83	128	292441	19.173	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	97190	19.992	ug/l	99

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

