

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005225.D
 Acq On : 10 Oct 2018 23:36
 Operator : JC/MD
 Sample : J5317-15MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-109D2-20181005MS

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:01 AM

Quant Time: Oct 11 07:51:52 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	221261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	311195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175457	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	125704	39.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.54%	
35) Dibromofluoromethane	5.51	113	104272	37.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.76%	
50) Toluene-d8	8.72	98	373663	40.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.58%	
62) 4-Bromofluorobenzene	11.14	95	141922	42.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	155432	51.52	ug/l	98
3) Chloromethane	1.32	50	178905	48.88	ug/l	100
4) Vinyl Chloride	1.40	62	177699	51.76	ug/l	99
5) Bromomethane	1.64	94	94709	46.53	ug/l	96
6) Chloroethane	1.71	64	105364	56.63	ug/l	95
7) Trichlorofluoromethane	1.92	101	227138	53.45	ug/l	93
8) Diethyl Ether	2.19	74	92681	50.20	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	121571	50.22	ug/l	100
10) Methyl Iodide	2.51	142	159070	49.10	ug/l	91
11) Tert butyl alcohol	3.08	59	237334	268.55	ug/l	99
12) 1,1-Dichloroethene	2.37	96	120820	50.40	ug/l	93
13) Acrolein	2.29	56	112751	179.31	ug/l	92
14) Allyl chloride	2.72	41	265422	50.74	ug/l	95
15) Acrylonitrile	3.15	53	506082	260.13	ug/l	97
16) Acetone	2.45	43	459847	249.20	ug/l	94
17) Carbon Disulfide	2.56	76	352813	48.97	ug/l	99
18) Methyl Acetate	2.78	43	318351	68.09	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	439056	53.09	ug/l	95
20) Methylene Chloride	2.85	84	139396	51.99	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	129095	49.19	ug/l	87
22) Diisopropyl ether	3.87	45	433291	49.19	ug/l	97
23) Vinyl Acetate	3.82	43	1835441	227.64	ug/l	98
24) 1,1-Dichloroethane	3.70	63	260860	49.65	ug/l	99
25) 2-Butanone	4.71	43	657596	241.76	ug/l	98
26) 2,2-Dichloropropane	4.58	77	137190	37.49	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	136704	46.63	ug/l	98
28) Bromochloromethane	5.02	49	92529	37.40	ug/l	100
29) Tetrahydrofuran	5.16	42	433840	256.62	ug/l	98
30) Chloroform	5.21	83	237156	47.76	ug/l	98
31) Cyclohexane	5.57	56	200524	49.86	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	204121	50.33	ug/l	96
36) 1,1-Dichloropropene	5.79	75	181039	47.57	ug/l	93
37) Ethyl Acetate	4.86	43	221841	43.91	ug/l	99
38) Carbon Tetrachloride	5.78	117	189686	47.41	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	190177	48.94	ug/l #	85
40) Benzene	6.15	78	535521	44.94	ug/l	92
41) Methacrylonitrile	5.06	41	128245	45.77	ug/l	98
42) 1,2-Dichloroethane	6.20	62	189192	44.92	ug/l	97
43) Isopropyl Acetate	6.46	43	331997	45.53	ug/l	96
44) Trichloroethene	7.21	130	215757	73.66	ug/l	100
45) 1,2-Dichloropropane	7.52	63	141610	48.46	ug/l	98
46) Dibromomethane	7.66	93	91867	50.03	ug/l	99
47) Bromodichloromethane	7.90	83	178575	51.94	ug/l	99
48) Methyl methacrylate	7.78	41	182989	55.29	ug/l	99
49) 1,4-Dioxane	7.76	88	89173	1084.50	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1226637	267.17	ug/l	99
52) Toluene	8.79	92	326500	49.87	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	189073	48.66	ug/l	91
54) cis-1,3-Dichloropropene	8.44	75	196857	48.37	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	137419	47.92	ug/l	96
56) Ethyl methacrylate	9.18	69	209493	45.30	ug/l	97
57) 1,3-Dichloropropane	9.37	76	231018	48.40	ug/l	98
59) 2-Hexanone	9.50	43	978676	255.80	ug/l	95
60) Dibromochloromethane	9.59	129	145088	50.59	ug/l	100
61) 1,2-Dibromoethane	9.68	107	142617	46.43	ug/l	96
64) Tetrachloroethene	9.34	164	139626	45.59	ug/l	96
65) Chlorobenzene	10.14	112	368282	46.15	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	136473	48.65	ug/l	99
67) Ethyl Benzene	10.26	91	623907	49.25	ug/l	96
68) m/p-Xylenes	10.36	106	488772	98.73	ug/l	96
69) o-Xylene	10.70	106	235326	51.75	ug/l	99
70) Styrene	10.71	104	400230	47.19	ug/l	100
71) Bromoform	10.86	173	121598	50.63	ug/l #	96
73) Isopropylbenzene	11.02	105	638969	57.78	ug/l	100
74) N-amyl acetate	10.90	43	283306	46.73	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	226519	50.32	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	206915m	52.61	ug/l	
77) Bromobenzene	11.26	156	172531	53.71	ug/l	98
78) n-propylbenzene	11.36	91	727604	57.34	ug/l	99
79) 2-Chlorotoluene	11.42	91	434411	54.92	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	544648	53.75	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	60254	42.11	ug/l	100
82) 4-Chlorotoluene	11.51	91	515251	55.35	ug/l	99
83) tert-Butylbenzene	11.77	119	538353	59.12	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	563275	53.90	ug/l	99
85) sec-Butylbenzene	11.94	105	642338	57.92	ug/l	100
86) p-Isopropyltoluene	12.07	119	578292	57.55	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	314777	52.48	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	319701	51.63	ug/l	100
89) n-Butylbenzene	12.39	91	501798	54.99	ug/l	100
90) Hexachloroethane	12.60	117	94632	56.56	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	320389	51.11	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55533	56.18	ug/l	100
93) 1,2,4-Trichlorobenzene	13.65	180	237166	53.94	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	115703	50.74	ug/l	99
95) Naphthalene	13.83	128	767979	52.58	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	248466	54.70	ug/l	100

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

