

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004090.D
 Acq On : 15 Aug 2018 23:08
 Operator : JC/MD
 Sample : J4439-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 4:39:54 PM

Quant Time: Aug 16 07:10:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	293362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	440190	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	419089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	257887	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	208164	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
35) Dibromofluoromethane	5.50	113	171820	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
50) Toluene-d8	8.72	98	666727	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.14	95	244901	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	139698	48.92	ug/l	100
3) Chloromethane	1.32	50	163679	46.71	ug/l	99
4) Vinyl Chloride	1.40	62	182648	48.17	ug/l	98
5) Bromomethane	1.64	94	102448	53.33	ug/l	99
6) Chloroethane	1.72	64	126592	50.79	ug/l	99
7) Trichlorofluoromethane	1.93	101	256516	48.23	ug/l	99
8) Diethyl Ether	2.18	74	113101	48.71	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	157432	47.45	ug/l	100
10) Methyl Iodide	2.51	142	169899	48.15	ug/l	99
11) Tert butyl alcohol	3.05	59	222141	266.88	ug/l	100
12) 1,1-Dichloroethene	2.37	96	149579	48.47	ug/l	100
13) Acrolein	2.29	56	119953	214.06	ug/l	99
14) Allyl chloride	2.73	41	275712	46.95	ug/l	97
15) Acrylonitrile	3.14	53	526143	253.53	ug/l	99
16) Acetone	2.44	43	542506	252.45	ug/l	99
17) Carbon Disulfide	2.57	76	416381	47.57	ug/l	98
18) Methyl Acetate	2.77	43	228986	47.95	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	526930	48.46	ug/l	99
20) Methylene Chloride	2.86	84	177297	50.48	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	166156	47.41	ug/l	98
22) Diisopropyl ether	3.87	45	590441	51.31	ug/l	98
23) Vinyl Acetate	3.82	43	2327572	246.28	ug/l	99
24) 1,1-Dichloroethane	3.70	63	330200	50.66	ug/l	100
25) 2-Butanone	4.70	43	878218	251.16	ug/l	100
26) 2,2-Dichloropropane	4.58	77	171722	33.14	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	188589	47.85	ug/l	96
28) Bromochloromethane	5.02	49	150644	50.38	ug/l	99
29) Tetrahydrofuran	5.15	42	453593	253.91	ug/l	100
30) Chloroform	5.21	83	323940	50.93	ug/l	98
31) Cyclohexane	5.57	56	268951	47.07	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	268417	50.50	ug/l	99
36) 1,1-Dichloropropene	5.80	75	237536	47.42	ug/l	100
37) Ethyl Acetate	4.86	43	249520	45.74	ug/l	99
38) Carbon Tetrachloride	5.78	117	247892	50.94	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	271067	47.70	ug/l	97
40) Benzene	6.14	78	736079	48.94	ug/l	99
41) Methacrylonitrile	5.06	41	146394	47.92	ug/l	99
42) 1,2-Dichloroethane	6.20	62	254686	48.37	ug/l	100
43) Isopropyl Acetate	6.46	43	381414	47.44	ug/l	100
44) Trichloroethene	7.21	130	218808	53.59	ug/l	95
45) 1,2-Dichloropropane	7.52	63	189322	49.17	ug/l	99
46) Dibromomethane	7.67	93	123989	49.27	ug/l	99
47) Bromodichloromethane	7.90	83	238973	50.14	ug/l	99
48) Methyl methacrylate	7.78	41	214015	52.88	ug/l	99
49) 1,4-Dioxane	7.76	88	98905	1085.39	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1761509	267.19	ug/l	100
52) Toluene	8.79	92	475235	49.96	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	254923	49.52	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	268796	47.14	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	191695	48.80	ug/l	99
56) Ethyl methacrylate	9.18	69	282402	52.87	ug/l	99
57) 1,3-Dichloropropane	9.37	76	321601	49.34	ug/l	100
59) 2-Hexanone	9.50	43	1363532	274.81	ug/l	100
60) Dibromochloromethane	9.59	129	193969	51.31	ug/l	100
61) 1,2-Dibromoethane	9.68	107	201946	50.43	ug/l	99
64) Tetrachloroethene	9.34	164	197210	49.65	ug/l	94
65) Chlorobenzene	10.14	112	527800	48.75	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	189095	51.21	ug/l	98
67) Ethyl Benzene	10.25	91	885548	51.66	ug/l	97
68) m/p-Xylenes	10.36	106	710827	105.89	ug/l	94
69) o-Xylene	10.70	106	338892	52.83	ug/l	96
70) Styrene	10.71	104	577333	53.47	ug/l	98
71) Bromoform	10.86	173	149817	51.17	ug/l	99
73) Isopropylbenzene	11.02	105	904884	51.85	ug/l	97
74) N-amyl acetate	6.46	43	381414	46.47	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	305605	50.14	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	269637m	52.14	ug/l	
77) Bromobenzene	11.26	156	237899	49.45	ug/l	99
78) n-propylbenzene	11.36	91	1036603	53.08	ug/l	100
79) 2-Chlorotoluene	11.42	91	614471	51.63	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	757148	52.98	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	80221	48.02	ug/l	99
82) 4-Chlorotoluene	11.51	91	721512	51.28	ug/l	99
83) tert-Butylbenzene	11.77	119	755604	52.44	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	776797	52.49	ug/l	99
85) sec-Butylbenzene	11.95	105	885290	52.50	ug/l	100
86) p-Isopropyltoluene	12.07	119	795993	52.14	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	443175	48.30	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	438545	46.44	ug/l	99
89) n-Butylbenzene	12.39	91	591665	49.18	ug/l	99
90) Hexachloroethane	12.60	117	112723	49.35	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	378335	45.72	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54962	51.31	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	275468	48.70	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	124557	43.93	ug/l	99
95) Naphthalene	13.83	128	947618	52.50	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	314901	51.05	ug/l	99

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

