

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX100818\
 Data File : VX005136.D
 Acq On : 08 Oct 2018 19:09
 Operator : JC/MD
 Sample : J5284-04MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001MSD

Manual Integrations
 APPROVED

MMDadoda
 10/9/2018 1:47:51 PM

Quant Time: Oct 09 07:25:57 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	200317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	296204	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178844	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	148157	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
35) Dibromofluoromethane	5.50	113	119030	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
50) Toluene-d8	8.71	98	441608	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
62) 4-Bromofluorobenzene	11.14	95	166703	55.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	136842	50.10	ug/l	96
3) Chloromethane	1.32	50	146456	44.20	ug/l	97
4) Vinyl Chloride	1.40	62	152244	48.99	ug/l	100
5) Bromomethane	1.64	94	109979	59.68	ug/l	97
6) Chloroethane	1.71	64	95965	56.98	ug/l	95
7) Trichlorofluoromethane	1.92	101	202342	52.59	ug/l	93
8) Diethyl Ether	2.19	74	84404	50.50	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	134996	61.59	ug/l	99
10) Methyl Iodide	2.51	142	105492	35.97	ug/l	91
11) Tert butyl alcohol	3.08	59	219496	274.33	ug/l	98
12) 1,1-Dichloroethene	2.37	96	120117	55.34	ug/l	96
13) Acrolein	2.29	56	40142	70.51	ug/l	88
14) Allyl chloride	2.72	41	243996	51.52	ug/l	96
15) Acrylonitrile	3.15	53	472077	268.02	ug/l	95
16) Acetone	2.45	43	423923	253.75	ug/l	94
17) Carbon Disulfide	2.56	76	282453	43.31	ug/l	99
18) Methyl Acetate	2.78	43	243071	57.43	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	418244	55.86	ug/l	96
20) Methylene Chloride	2.85	84	127550	52.55	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	116129	48.88	ug/l	84
22) Diisopropyl ether	3.87	45	419426	52.59	ug/l	96
23) Vinyl Acetate	3.82	43	1592116	218.11	ug/l	99
24) 1,1-Dichloroethane	3.69	63	235831	49.58	ug/l	99
25) 2-Butanone	4.71	43	621060	252.20	ug/l	98
26) 2,2-Dichloropropane	4.58	77	133497	40.30	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	140067	52.77	ug/l	97
28) Bromochloromethane	5.02	49	111491	49.77	ug/l	98
29) Tetrahydrofuran	5.16	42	404870	264.52	ug/l	98
30) Chloroform	5.21	83	221805	49.34	ug/l	98
31) Cyclohexane	5.57	56	184802	50.76	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	190498	51.88	ug/l	95
36) 1,1-Dichloropropene	5.80	75	157834	46.08	ug/l	94
37) Ethyl Acetate	4.86	43	193835	42.63	ug/l	98
38) Carbon Tetrachloride	5.78	117	165794	46.05	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	176515	50.47	ug/l #	85
40) Benzene	6.14	78	527805	49.22	ug/l #	88
41) Methacrylonitrile	5.06	41	123323	48.91	ug/l	98
42) 1,2-Dichloroethane	6.20	62	180681	47.67	ug/l	98
43) Isopropyl Acetate	6.46	43	303665	46.28	ug/l	96
44) Trichloroethene	7.21	130	581232	220.50	ug/l	97
45) 1,2-Dichloropropane	7.52	63	133746	50.86	ug/l	98
46) Dibromomethane	7.66	93	84934	51.39	ug/l	99
47) Bromodichloromethane	7.90	83	165968	53.64	ug/l	99
48) Methyl methacrylate	7.78	41	170233	57.15	ug/l	99
49) 1,4-Dioxane	7.76	88	81687	1103.94	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1177348	284.95	ug/l	99
52) Toluene	8.79	92	303018	51.43	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	179261	51.27	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	190149	51.92	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	131808	51.07	ug/l	96
56) Ethyl methacrylate	9.18	69	205966	49.23	ug/l	97
57) 1,3-Dichloropropane	9.37	76	219489	51.10	ug/l	97
59) 2-Hexanone	9.50	43	932614	270.86	ug/l	96
60) Dibromochloromethane	9.59	129	136806	53.00	ug/l	98
61) 1,2-Dibromoethane	9.68	107	133182	48.18	ug/l	95
64) Tetrachloroethene	9.34	164	127119	45.41	ug/l	95
65) Chlorobenzene	10.14	112	345221	47.34	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	129612	50.55	ug/l	99
67) Ethyl Benzene	10.25	91	587580	50.75	ug/l	95
68) m/p-Xylenes	10.36	106	458307	101.30	ug/l	95
69) o-Xylene	10.70	106	221780	53.37	ug/l	99
70) Styrene	10.71	104	373770	48.17	ug/l	99
71) Bromoform	10.86	173	113950	51.91	ug/l	97
73) Isopropylbenzene	11.02	105	604390	53.61	ug/l	100
74) N-amyl acetate	10.90	43	260410	42.31	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	219015	47.73	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	199609m	49.80	ug/l	
77) Bromobenzene	11.26	156	161259	49.25	ug/l	100
78) n-propylbenzene	11.36	91	693906	53.65	ug/l	99
79) 2-Chlorotoluene	11.42	91	414242	51.38	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	512877	49.64	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57863	39.79	ug/l	98
82) 4-Chlorotoluene	11.51	91	486921	51.31	ug/l	99
83) tert-Butylbenzene	11.77	119	519761	56.00	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	535300	50.24	ug/l	98
85) sec-Butylbenzene	11.94	105	615608	54.46	ug/l	100
86) p-Isopropyltoluene	12.07	119	551047	53.80	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	299912	49.05	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	305708	48.44	ug/l	100
89) n-Butylbenzene	12.39	91	482768	51.90	ug/l	99
90) Hexachloroethane	12.60	117	90841	53.27	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	307672	48.15	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	52818	52.42	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	230493	51.43	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	112310	48.32	ug/l	100
95) Naphthalene	13.83	128	746401	50.17	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	238913	51.60	ug/l	100

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

