

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027308.D
 Acq On : 29 Sep 2018 06:11
 Operator : MD/SY
 Sample : J5135-03MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-TW502-0913MSD

Manual Integrations
 APPROVED

MMDadoda
 10/2/2018 1:08:36 PM

Quant Time: Oct 01 04:06:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	80145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	140844	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	136189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73244	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	76520	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
35) Dibromofluoromethane	4.88	113	55973	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	
50) Toluene-d8	7.57	98	202020	43.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.84%	
62) 4-Bromofluorobenzene	10.31	95	76588	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	51999	49.693	ug/l	99
3) Chloromethane	1.33	50	83742	46.418	ug/l	100
4) Vinyl Chloride	1.40	62	81333	48.296	ug/l	100
5) Bromomethane	1.62	94	61002	63.610	ug/l	97
6) Chloroethane	1.69	64	49967	46.438	ug/l	99
7) Trichlorofluoromethane	1.88	101	89045	46.555	ug/l	99
8) Diethyl Ether	2.10	74	45000	48.879	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.29	101	50788	43.185	ug/l	100
10) Methyl Iodide	2.41	142	46252	31.710	ug/l	99
11) Tert butyl alcohol	2.83	59	91779	248.237	ug/l	99
12) 1,1-Dichloroethene	2.28	96	52319	47.265	ug/l	99
13) Acrolein	2.20	56	25345	127.167	ug/l	99
14) Allyl chloride	2.59	41	120264	53.567	ug/l	98
15) Acrylonitrile	2.94	53	244855	262.764	ug/l	99
16) Acetone	2.32	43	210260	245.063	ug/l	99
17) Carbon Disulfide	2.48	76	170454	47.270	ug/l	100
18) Methyl Acetate	2.62	43	121516	52.927	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	221661	54.493	ug/l	100
20) Methylene Chloride	2.70	84	69389	48.033	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	59342	50.212	ug/l	99
22) Diisopropyl ether	3.57	45	267392	55.683	ug/l	98
23) Vinyl Acetate	3.53	43	1023376	250.007	ug/l	99
24) 1,1-Dichloroethane	3.45	63	137150	51.857	ug/l	99
25) 2-Butanone	4.26	43	343831	253.640	ug/l	98
26) 2,2-Dichloropropane	4.23	77	82546	40.020	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	69462	52.045	ug/l	99
28) Bromochloromethane	4.55	49	68816	53.977	ug/l	96
29) Tetrahydrofuran	4.64	42	224988	274.362	ug/l	97
30) Chloroform	4.67	83	122254	49.798	ug/l	98
31) Cyclohexane	5.00	56	121419	50.510	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	100077	51.056	ug/l	99
36) 1,1-Dichloropropene	5.14	75	90287	48.032	ug/l	98
37) Ethyl Acetate	4.38	43	115203	45.272	ug/l	98
38) Carbon Tetrachloride	5.14	117	84550	47.266	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	98554	48.246	ug/l	98
40) Benzene	5.39	78	277997	48.649	ug/l	100
41) Methacrylonitrile	4.54	41	72843	55.119	ug/l	97
42) 1,2-Dichloroethane	5.40	62	105796	49.003	ug/l	100
43) Isopropyl Acetate	5.55	43	185533	49.995	ug/l	99
44) Trichloroethene	6.19	130	58873	48.394	ug/l	99
45) 1,2-Dichloropropane	6.43	63	81441	50.019	ug/l	97
46) Dibromomethane	6.56	93	47842	48.652	ug/l	99
47) Bromodichloromethane	6.76	83	95534	48.046	ug/l	97
48) Methyl methacrylate	6.62	41	101290	50.144	ug/l	97
49) 1,4-Dioxane	6.61	88	35376	881.692	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	655004	262.431	ug/l	100
52) Toluene	7.64	92	165204	50.437	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	108736	50.898	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	114123	48.584	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	67767	48.827	ug/l	98
56) Ethyl methacrylate	8.02	69	115193	47.930	ug/l	97
57) 1,3-Dichloropropane	8.24	76	129667	50.232	ug/l	100
59) 2-Hexanone	8.36	43	501620	256.748	ug/l	100
60) Dibromochloromethane	8.48	129	67828	49.823	ug/l	99
61) 1,2-Dibromoethane	8.59	107	69671	48.247	ug/l	99
64) Tetrachloroethene	8.23	164	46846	44.639	ug/l	98
65) Chlorobenzene	9.12	112	168709	46.720	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	61460	49.414	ug/l	99
67) Ethyl Benzene	9.25	91	308409	51.938	ug/l	100
68) m/p-Xylenes	9.38	106	226700	94.356	ug/l	99
69) o-Xylene	9.78	106	111295	52.899	ug/l	100
70) Stvrene	9.79	104	184291	47.025	ug/l	99
71) Bromoform	9.96	173	48998	50.943	ug/l #	99
73) Isopropylbenzene	10.17	105	293362	52.653	ug/l	100
74) N-amyl acetate	10.01	43	159215	49.368	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	117100	45.712	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	107823m	48.457	ug/l	
77) Bromobenzene	10.45	156	68670	50.436	ug/l	98
78) n-propylbenzene	10.59	91	350257	53.130	ug/l	99
79) 2-Chlorotoluene	10.66	91	209343	50.555	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	241794	52.573	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	28079m	40.383	ug/l	
82) 4-Chlorotoluene	10.77	91	239884	51.664	ug/l	99
83) tert-Butylbenzene	11.10	119	237303	52.188	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	249044	53.208	ug/l	99
85) sec-Butylbenzene	11.32	105	291329	52.486	ug/l	100
86) p-Isopropyltoluene	11.48	119	244328	46.969	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	123180	48.618	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	124971	45.257	ug/l	100
89) n-Butylbenzene	11.89	91	217785	43.464	ug/l	99
90) Hexachloroethane	12.14	117	46785	46.351	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	126345	46.945	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	26197	50.129	ug/l	99
93) 1,2,4-Trichlorobenzene	13.50	180	78547	50.645	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.69	225	36646	44.656	ug/l	99
95) Naphthalene	13.74	128	293800	48.503	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	84245	50.652	ug/l	98

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

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