

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121118\
 Data File : VU028572.D
 Acq On : 10 Dec 2018 23:38
 Operator : MD/SY
 Sample : J6325-10MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D1-20181205MSD

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 12:10:19 PM

Quant Time: Dec 11 04:34:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	80099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	144475	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	134724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	65164	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	67195	54.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.94%	
35) Dibromofluoromethane	4.88	113	47973	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
50) Toluene-d8	7.56	98	185625	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
62) 4-Bromofluorobenzene	10.30	95	68424	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	54881	51.118	ug/l	100
3) Chloromethane	1.33	50	100549	50.941	ug/l	99
4) Vinyl Chloride	1.40	62	73384	51.518	ug/l	100
5) Bromomethane	1.61	94	29788	51.914	ug/l	98
6) Chloroethane	1.69	64	41414	51.356	ug/l	99
7) Trichlorofluoromethane	1.88	101	76276	50.896	ug/l	99
8) Diethyl Ether	2.10	74	34602	49.349	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.28	101	47145	52.599	ug/l	99
10) Methyl Iodide	2.41	142	39872	56.694	ug/l	99
11) Tert butyl alcohol	2.83	59	82243	301.989	ug/l	99
12) 1,1-Dichloroethene	2.28	96	45402	50.910	ug/l	98
13) Acrolein	2.19	56	51498	237.203	ug/l	99
14) Allyl chloride	2.59	41	105656	50.080	ug/l	98
15) Acrylonitrile	2.94	53	210325	278.173	ug/l	99
16) Acetone	2.32	43	173810	217.903	ug/l	100
17) Carbon Disulfide	2.48	76	155135	48.287	ug/l	99
18) Methyl Acetate	2.61	43	111588	53.967	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	177554	52.519	ug/l	99
20) Methylene Chloride	2.70	84	56279	47.862	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	49500	49.298	ug/l	98
22) Diisopropyl ether	3.57	45	221593	54.012	ug/l	97
23) Vinyl Acetate	3.52	43	851503	251.620	ug/l	98
24) 1,1-Dichloroethane	3.45	63	112081	52.189	ug/l	99
25) 2-Butanone	4.26	43	292135	267.998	ug/l	98
26) 2,2-Dichloropropane	4.22	77	76531	44.974	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	63106	55.527	ug/l	99
28) Bromochloromethane	4.55	49	55703	57.055	ug/l	96
29) Tetrahydrofuran	4.64	42	199406	284.832	ug/l	98
30) Chloroform	4.67	83	100909	53.911	ug/l	99
31) Cyclohexane	4.99	56	107809	51.477	ug/l	97
32) 1,1,1-Trichloroethane	4.91	97	81026	52.122	ug/l	99
36) 1,1-Dichloropropene	5.13	75	75123	47.517	ug/l	100
37) Ethyl Acetate	4.38	43	103313	50.551	ug/l	99
38) Carbon Tetrachloride	5.13	117	62732	49.230	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	87237	45.230	ug/l	97
40) Benzene	5.39	78	232358	49.902	ug/l	99
41) Methacrylonitrile	4.54	41	61998	55.393	ug/l	97
42) 1,2-Dichloroethane	5.40	62	82970	50.906	ug/l	100
43) Isopropyl Acetate	5.55	43	164548	50.903	ug/l	99
44) Trichloroethene	6.18	130	232909	224.963	ug/l	99
45) 1,2-Dichloropropane	6.43	63	67828	51.801	ug/l	96
46) Dibromomethane	6.56	93	39137	50.376	ug/l	99
47) Bromodichloromethane	6.76	83	75840	50.165	ug/l	98
48) Methyl methacrylate	6.62	41	88644	55.142	ug/l	98
49) 1,4-Dioxane	6.61	88	33382	1315.139	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	555516	272.470	ug/l	97
52) Toluene	7.64	92	135412	49.414	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	89566	49.744	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	93691	47.962	ug/l	97
55) 1,1,2-Trichloroethane	8.06	97	55134	50.898	ug/l	94
56) Ethyl methacrylate	8.02	69	95788	51.638	ug/l	97
57) 1,3-Dichloropropane	8.24	76	102736	51.092	ug/l	99
59) 2-Hexanone	8.36	43	429420	265.734	ug/l	99
60) Dibromochloromethane	8.48	129	52520	49.521	ug/l	100
61) 1,2-Dibromoethane	8.58	107	57907	50.977	ug/l	100
64) Tetrachloroethene	8.22	164	56406	62.768	ug/l	98
65) Chlorobenzene	9.12	112	139243	48.503	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	47840	52.184	ug/l	99
67) Ethyl Benzene	9.25	91	259232	49.120	ug/l	98
68) m/p-Xylenes	9.37	106	188744	98.286	ug/l	98
69) o-Xylene	9.78	106	93442	50.071	ug/l	99
70) Stvrene	9.79	104	153208	49.608	ug/l	99
71) Bromoform	9.96	173	40242	51.601	ug/l #	97
73) Isopropylbenzene	10.16	105	248090	49.615	ug/l	99
74) N-amyl acetate	10.01	43	138780	48.116	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	101470	52.826	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	89705m	53.910	ug/l	
77) Bromobenzene	10.45	156	58146	49.721	ug/l	99
78) n-propylbenzene	10.58	91	300801	48.412	ug/l	100
79) 2-Chlorotoluene	10.66	91	177444	49.579	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	205514	49.652	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	30235m	44.731	ug/l	
82) 4-Chlorotoluene	10.77	91	203861	48.067	ug/l	100
83) tert-Butylbenzene	11.10	119	198954	49.869	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	211772	49.646	ug/l	100
85) sec-Butylbenzene	11.32	105	249565	48.694	ug/l	100
86) p-Isopropyltoluene	11.48	119	207237	47.600	ug/l	100
87) 1,3-Dichlorobenzene	11.41	146	104873	47.493	ug/l	100
88) 1,4-Dichlorobenzene	11.50	146	104749	45.849	ug/l	99
89) n-Butylbenzene	11.89	91	199178	45.205	ug/l	100
90) Hexachloroethane	12.14	117	31499	47.867	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	107519	48.677	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	22822	54.880	ug/l	98
93) 1,2,4-Trichlorobenzene	13.50	180	68320	45.096	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.69	225	31030	42.887	ug/l	98
95) Naphthalene	13.74	128	251212	47.396	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	70695	46.808	ug/l	100

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

