

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027187.D
 Acq On : 26 Sep 2018 18:57
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/27/2018 3:33:22 PM

Quant Time: Sep 27 02:38:09 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	79372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	136161	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	133960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	84784	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
35) Dibromofluoromethane	4.88	113	58767	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	7.57	98	226388	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	10.31	95	83330	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.21	85	43376	41.856	ug/l	100
3) Chloromethane	1.33	50	70804	39.628	ug/l	100
4) Vinyl Chloride	1.40	62	73608	44.135	ug/l	99
5) Bromomethane	1.61	94	29948	31.532	ug/l	96
6) Chloroethane	1.69	64	48798	45.793	ug/l	99
7) Trichlorofluoromethane	1.88	101	86325	45.573	ug/l	99
8) Diethyl Ether	2.10	74	43252	47.438	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.29	101	52973	45.482	ug/l	99
10) Methyl Iodide	2.41	142	30581	21.171	ug/l	99
11) Tert butyl alcohol	2.83	59	101642	277.591	ug/l	99
12) 1,1-Dichloroethene	2.28	96	49929	45.545	ug/l	99
13) Acrolein	2.20	56	45020	228.085	ug/l	99
14) Allyl chloride	2.59	41	118662	53.369	ug/l	97
15) Acrylonitrile	2.94	53	258193	279.776	ug/l	98
16) Acetone	2.32	43	226379	267.968	ug/l	100
17) Carbon Disulfide	2.48	76	149357	41.823	ug/l	100
18) Methyl Acetate	2.62	43	136980	60.244	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	220080	54.632	ug/l	100
20) Methylene Chloride	2.70	84	66632	46.574	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	55513	47.430	ug/l	99
22) Diisopropyl ether	3.58	45	272975	57.399	ug/l	97
23) Vinyl Acetate	3.53	43	1174241	289.657	ug/l	99
24) 1,1-Dichloroethane	3.45	63	135684	51.802	ug/l	99
25) 2-Butanone	4.26	43	375193	279.471	ug/l	97
26) 2,2-Dichloropropane	4.23	77	85007	41.615	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	69006	52.206	ug/l	100
28) Bromochloromethane	4.55	49	71497	56.626	ug/l	95
29) Tetrahydrofuran	4.64	42	239663	295.104	ug/l	97
30) Chloroform	4.67	83	122241	50.278	ug/l	98
31) Cyclohexane	5.00	56	114170	47.927	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	100758	51.904	ug/l	98
36) 1,1-Dichloropropene	5.14	75	86725	47.724	ug/l	99
37) Ethyl Acetate	4.39	43	134864	54.822	ug/l	99
38) Carbon Tetrachloride	5.14	117	83382	48.216	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	94447	47.826	ug/l	98
40) Benzene	5.39	78	267995	48.512	ug/l	100
41) Methacrylonitrile	4.54	41	76779	60.096	ug/l	98
42) 1,2-Dichloroethane	5.40	62	106533	51.042	ug/l	99
43) Isopropyl Acetate	5.55	43	206003	57.420	ug/l	99
44) Trichloroethene	6.19	130	57155	48.598	ug/l	95
45) 1,2-Dichloropropane	6.43	63	81082	51.511	ug/l	99
46) Dibromomethane	6.56	93	46354	48.760	ug/l	99
47) Bromodichloromethane	6.76	83	98695	51.343	ug/l	100
48) Methyl methacrylate	6.62	41	104981	53.686	ug/l	99
49) 1,4-Dioxane	6.61	88	35969	927.394	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	722116	299.270	ug/l	99
52) Toluene	7.64	92	163847	51.743	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	110065	53.292	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	118958	52.384	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	69079	51.484	ug/l	98
56) Ethyl methacrylate	8.02	69	119758	51.378	ug/l	98
57) 1,3-Dichloropropane	8.24	76	131121	52.542	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	338063	255.758	ug/l	100
59) 2-Hexanone	8.36	43	559442	296.191	ug/l	98
60) Dibromochloromethane	8.48	129	70726	53.739	ug/l	100
61) 1,2-Dibromoethane	8.59	107	72101	51.647	ug/l	99
64) Tetrachloroethene	8.23	164	48115	46.612	ug/l	99
65) Chlorobenzene	9.12	112	169641	47.760	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	63062	51.546	ug/l	98
67) Ethyl Benzene	9.25	91	305436	52.294	ug/l	99
68) m/p-Xylenes	9.38	106	226266	95.720	ug/l	99
69) o-Xylene	9.78	106	111931	54.087	ug/l	100
70) Styrene	9.79	104	185435	48.063	ug/l	99
71) Bromoform	9.96	173	51532	54.469	ug/l #	98
73) Isopropylbenzene	10.17	105	299761	53.439	ug/l	100
74) N-amyl acetate	10.02	43	192646	59.331	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	125641	48.716	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	113960m	50.870	ug/l	
77) Bromobenzene	10.45	156	69035	50.363	ug/l	96
78) n-propylbenzene	10.59	91	359191	54.118	ug/l	100
79) 2-Chlorotoluene	10.66	91	215254	51.632	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	248533	53.674	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	33143m	47.345	ug/l	
82) 4-Chlorotoluene	10.77	91	248766	53.216	ug/l	99
83) tert-Butylbenzene	11.10	119	240241	52.478	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	253347	53.763	ug/l	99
85) sec-Butylbenzene	11.32	105	304231	54.441	ug/l	99
86) p-Isopropyltoluene	11.48	119	256863	49.004	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	125792	49.314	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	130394	46.903	ug/l	98
89) n-Butylbenzene	11.89	91	240194	47.385	ug/l	99
90) Hexachloroethane	12.15	117	49244	48.459	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	127973	47.230	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	29933	56.892	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	83624	53.555	ug/l	99
94) Hexachlorobutadiene	13.69	225	40511	49.034	ug/l	99
95) Naphthalene	13.74	128	312487	51.145	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	89302	53.331	ug/l	99

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

