

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U121718\
 Data File : VU028762.D
 Acq On : 18 Dec 2018 08:48
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/18/2018 12:55:37 PM

Quant Time: Dec 18 12:22:15 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	75545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	132954	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	126575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	62338	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	62925	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	
35) Dibromofluoromethane	4.88	113	45724	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
50) Toluene-d8	7.57	98	179013	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	
62) 4-Bromofluorobenzene	10.30	95	66894	54.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	51025	50.391	ug/l	97
3) Chloromethane	1.33	50	88648	47.619	ug/l	99
4) Vinyl Chloride	1.40	62	68209	50.771	ug/l	99
5) Bromomethane	1.61	94	26964	49.825	ug/l	97
6) Chloroethane	1.68	64	39540	51.988	ug/l	100
7) Trichlorofluoromethane	1.88	101	73028	51.666	ug/l	99
8) Diethyl Ether	2.10	74	31877	48.204	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.28	101	42582	50.372	ug/l	98
10) Methyl Iodide	2.41	142	45463	68.540	ug/l	100
11) Tert butyl alcohol	2.83	59	67803	263.975	ug/l	100
12) 1,1-Dichloroethene	2.28	96	40583	48.250	ug/l	93
13) Acrolein	2.19	56	69433	339.092	ug/l	100
14) Allyl chloride	2.59	41	96867	48.682	ug/l	100
15) Acrylonitrile	2.93	53	201369	282.382	ug/l	99
16) Acetone	2.32	43	157291	209.081	ug/l	100
17) Carbon Disulfide	2.48	76	144515	47.693	ug/l	99
18) Methyl Acetate	2.61	43	120222	61.648	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	172060	53.962	ug/l	99
20) Methylene Chloride	2.70	84	54665	49.292	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	47228	49.870	ug/l	99
22) Diisopropyl ether	3.57	45	214400	55.409	ug/l	100
23) Vinyl Acetate	3.52	43	869108	272.304	ug/l	100
24) 1,1-Dichloroethane	3.44	63	106555	52.607	ug/l	99
25) 2-Butanone	4.26	43	271410	263.994	ug/l	99
26) 2,2-Dichloropropane	4.22	77	62705	39.071	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	55027	51.337	ug/l	99
28) Bromochloromethane	4.55	49	53472	58.072	ug/l	96
29) Tetrahydrofuran	4.63	42	188720	285.818	ug/l	98
30) Chloroform	4.67	83	96075	54.423	ug/l	98
31) Cyclohexane	4.99	56	101769	51.524	ug/l	98
32) 1,1,1-Trichloroethane	4.91	97	78082	53.256	ug/l	99
36) 1,1-Dichloropropene	5.13	75	74095	50.928	ug/l	100
37) Ethyl Acetate	4.38	43	103536	55.050	ug/l	100
38) Carbon Tetrachloride	5.13	117	60422	51.526	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	85992	48.447	ug/l	99
40) Benzene	5.39	78	226109	52.768	ug/l	97
41) Methacrylonitrile	4.54	41	59605	57.870	ug/l	97
42) 1,2-Dichloroethane	5.40	62	78970	52.650	ug/l	99
43) Isopropyl Acetate	5.55	43	166889	56.101	ug/l	99
44) Trichloroethene	6.19	130	49708	52.173	ug/l	94
45) 1,2-Dichloropropane	6.43	63	65041	53.977	ug/l	96
46) Dibromomethane	6.56	93	38655	54.067	ug/l	99
47) Bromodichloromethane	6.76	83	74021	53.205	ug/l	100
48) Methyl methacrylate	6.62	41	84130	56.869	ug/l	99
49) 1,4-Dioxane	6.61	88	24082	1030.963	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	533135	284.152	ug/l	98
52) Toluene	7.64	92	132529	52.553	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	84251	50.847	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	91279	50.776	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	54172	54.343	ug/l	95
56) Ethyl methacrylate	8.02	69	94861	55.570	ug/l	99
57) 1,3-Dichloropropane	8.24	76	99652	53.853	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.12	63	243637	278.646	ug/l	99
59) 2-Hexanone	8.36	43	405225	272.491	ug/l	100
60) Dibromochloromethane	8.48	129	51629	52.900	ug/l	100
61) 1,2-Dibromoethane	8.58	107	57360	54.871	ug/l	100
64) Tetrachloroethene	8.22	164	42571	50.423	ug/l	99
65) Chlorobenzene	9.12	112	138312	51.280	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	47093	54.677	ug/l	99
67) Ethyl Benzene	9.25	91	254215	51.271	ug/l	100
68) m/p-Xylenes	9.37	106	186210	103.210	ug/l	98
69) o-Xylene	9.78	106	92385	52.692	ug/l	99
70) Styrene	9.79	104	151912	52.355	ug/l	99
71) Bromoform	9.96	173	41294	56.359	ug/l #	99
73) Isopropylbenzene	10.16	105	242766	50.752	ug/l	99
74) N-amyl acetate	10.01	43	149232	54.085	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	99825	54.326	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	76799m	48.246	ug/l	
77) Bromobenzene	10.45	156	57666	51.546	ug/l	99
78) n-propylbenzene	10.58	91	299481	50.385	ug/l	99
79) 2-Chlorotoluene	10.66	91	177311	51.788	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	204814	51.726	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	116306	178.285	ug/l #	100
82) 4-Chlorotoluene	10.77	91	202165	49.828	ug/l	100
83) tert-Butylbenzene	11.10	119	193436	50.684	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	210172	51.504	ug/l	99
85) sec-Butylbenzene	11.32	105	249039	50.794	ug/l	99
86) p-Isopropyltoluene	11.47	119	206324	49.539	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	105099	49.753	ug/l	100
88) 1,4-Dichlorobenzene	11.50	146	106099	48.545	ug/l	99
89) n-Butylbenzene	11.89	91	202360	48.009	ug/l	100
90) Hexachloroethane	12.14	117	33598	53.372	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	105643	49.996	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21977	55.244	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	69851	48.139	ug/l	99
94) Hexachlorobutadiene	13.69	225	32539	47.011	ug/l	98
95) Naphthalene	13.74	128	247665	48.845	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	72279	50.016	ug/l	98

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

