

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022019\
 Data File : VU029585.D
 Acq On : 20 Feb 2019 17:25
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00545

Quant Time: Feb 21 04:28:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 21 04:23:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	216766	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	217242	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	123290	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51557	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.68	69	51622	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	2.27	63	129495	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.80%
20) 2-Butanone-d5	4.19	46	170447	56.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.58%
24) Chloroform-d	4.65	84	113139	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.31	65	61498	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.34	84	229996	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.33	67	71395	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.56	98	222707	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.85	79	29553	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.31	63	168230	52.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	70639	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	105805	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.21	85	90511	4.768	ug/L	98
3) Chloromethane	1.32	50	74514	4.160	ug/L	97
5) Vinyl chloride	1.40	62	100181	4.799	ug/L	85
6) Bromomethane	1.63	94	31395	2.578	ug/L	98
8) Chloroethane	1.70	64	65010	4.783	ug/L	96
9) Trichlorofluoromethane	1.88	101	152984	4.787	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	95197	5.054	ug/L	97
12) 1,1-Dichloroethene	2.28	96	89881	5.038	ug/L	87
13) Acetone	2.32	43	133689	48.598	ug/L	97
14) Carbon disulfide	2.48	76	275056	4.680	ug/L	100
15) Methyl Acetate	2.62	43	37857	5.372	ug/L	98
16) Methylene chloride	2.70	84	99534	4.965	ug/L	96
17) Methyl tert-butyl Ether	3.00	73	230483	5.160	ug/L	96
18) trans-1,2-Dichloroethene	2.98	96	97440	5.123	ug/L	96
19) 1,1-Dichloroethane	3.44	63	155740	5.435	ug/L	97
21) 2-Butanone	4.28	43	187944	55.290	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	91922	5.253	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	41810	5.293	ug/L	97
25) Chloroform	4.67	83	152743	5.327	ug/L	97
27) 1,2-Dichloroethane	5.40	62	92391	5.569	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	129540	4.821	ug/L	99
30) Cyclohexane	4.99	56	116602	4.529	ug/L	98
31) Carbon tetrachloride	5.13	117	111839	4.607	ug/L	98
33) Benzene	5.39	78	317738	4.969	ug/L	100
34) Trichloroethene	6.18	95	88325	4.913	ug/L	97
35) Methylcyclohexane	6.41	83	137117	4.533	ug/L	98
37) 1,2-Dichloropropane	6.43	63	84246	5.260	ug/L	99
38) Bromodichloromethane	6.76	83	102121	4.825	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	117223	4.650	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	480838	52.082	ug/L	100
42) Toluene	7.63	91	369648	5.150	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	95676	4.622	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	63910	5.209	ug/L	95
47) Tetrachloroethene	8.22	164	81268	4.935	ug/L	100
48) 2-Hexanone	8.36	43	347230	51.604	ug/L	99
49) Dibromochloromethane	8.47	129	77854	4.708	ug/L	98
50) 1,2-Dibromoethane	8.58	107	61742	5.085	ug/L	98
51) Chlorobenzene	9.12	112	256799	5.203	ug/L	99
52) Ethylbenzene	9.25	91	417370	5.136	ug/L	99
53) m,p-xylene	9.37	106	162986	5.029	ug/L	99
54) o-xylene	9.77	106	160565	5.048	ug/L	97
55) Styrene	9.79	104	271729	5.146	ug/L	97
56) Isopropylbenzene	10.16	105	432262	5.152	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	81445	5.440	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	55837	5.435	ug/L	94
61) Bromoform	9.95	173	45373	4.348	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	217210	4.973	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	219248	5.027	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	211071	5.129	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	11879	4.614	ug/L	95
67) 1,3,5-Trichlorobenzene	12.88	180	180889	4.991	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	156311	5.121	ug/L	98
69) Naphthalene	13.74	128	254699	4.832	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	144562	4.953	ug/L	98

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

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