

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111518\
 Data File : VU028181.D
 Acq On : 15 Nov 2018 19:01
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00510

Quant Time: Nov 16 00:52:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 16 00:43:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	175122	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	169542	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	82149	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60852	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.68	69	51855	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.28	63	118457	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.20%
20) 2-Butanone-d5	4.19	46	222593	52.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.62%
24) Chloroform-d	4.65	84	116322	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.31	65	64138	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.34	84	225808	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.33	67	83488	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.57	98	204614	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.85	79	27575	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.31	63	174516	49.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	61231	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	70112	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	71872	4.65	ug/L	100
3) Chloromethane	1.33	50	91136	4.62	ug/L	96
5) Vinyl chloride	1.40	62	87271	4.65	ug/L	99
6) Bromomethane	1.63	94	25072	2.79	ug/L	96
8) Chloroethane	1.70	64	50702	4.49	ug/L	97
9) Trichlorofluoromethane	1.89	101	102639	5.02	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	53423	4.65	ug/L	97
12) 1,1-Dichloroethene	2.29	96	53458	4.59	ug/L	92
13) Acetone	2.32	43	129174	45.51	ug/L	97
14) Carbon disulfide	2.48	76	176946	4.53	ug/L	98
15) Methyl Acetate	2.62	43	37024	4.88	ug/L	98
16) Methylene chloride	2.70	84	62402	4.54	ug/L	97
17) Methyl tert-butyl Ether	3.01	73	154271	4.74	ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	55884	4.51	ug/L	97
19) 1,1-Dichloroethane	3.45	63	128562	4.94	ug/L	97
21) 2-Butanone	4.28	43	225654	50.37	ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	65938	4.83	ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	25756	4.78	ug/L	94
25) Chloroform	4.68	83	117913	5.05	ug/L	99
27) 1,2-Dichloroethane	5.41	62	78891	5.14	ug/L	99
29) 1,1,1-Trichloroethane	4.92	97	90969	4.74	ug/L	98
30) Cyclohexane	5.00	56	124166	4.61	ug/L	99
31) Carbon tetrachloride	5.13	117	76173	4.78	ug/L	99
33) Benzene	5.39	78	271284	4.75	ug/L	100
34) Trichloroethene	6.19	95	65542	4.64	ug/L	99
35) Methylcyclohexane	6.41	83	106716	4.40	ug/L	96
37) 1,2-Dichloropropane	6.43	63	77783	4.92	ug/L	99
38) Bromodichloromethane	6.76	83	78275	4.66	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	97219	4.55	ug/L	97
40) 4-Methyl-2-pentanone	7.47	43	547990	50.38	ug/L	98
42) Toluene	7.64	91	281323	4.78	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	73544	4.39	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	44230	4.64	ug/L	93
47) Tetrachloroethene	8.23	164	46087	4.02	ug/L	97
48) 2-Hexanone	8.37	43	398597	51.50	ug/L	98
49) Dibromochloromethane	8.48	129	48823	4.81	ug/L	99
50) 1,2-Dibromoethane	8.59	107	42087	4.69	ug/L	99
51) Chlorobenzene	9.12	112	160455	4.66	ug/L	98
52) Ethylbenzene	9.25	91	306074	4.76	ug/L	97
53) m,p-xylene	9.38	106	110214	4.71	ug/L	95
54) o-xylene	9.78	106	103537	4.59	ug/L	98
55) Styrene	9.79	104	181200	4.75	ug/L	96
56) Isopropylbenzene	10.17	105	284010	4.66	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	59873	4.87	ug/L	95
59) 1,2,3-Trichloropropane	10.49	75	43683	4.92	ug/L	99
61) Bromoform	9.96	173	24266	4.37	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	119121	4.59	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	123824	4.71	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	113102	4.55	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	8226	4.56	ug/L #	86
67) 1,3,5-Trichlorobenzene	12.89	180	93459	4.69	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	78207	4.50	ug/L	98
69) Naphthalene	13.74	128	138538	4.28	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	74805	4.68	ug/L	97

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

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