

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082118\
 Data File : VU026237.D
 Acq On : 21 Aug 2018 16:59
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00542

Quant Time: Aug 22 00:26:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 22 00:24:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	127298	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	128657	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	68066	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35611	5.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.00%
7) Chloroethane-d5	1.68	69	30038	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.80%
11) 1,1-Dichloroethene-d2	2.28	63	76451	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.60%
20) 2-Butanone-d5	4.19	46	102190	53.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.46%
24) Chloroform-d	4.65	84	80093	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.31	65	44336	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.34	84	159370	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.34	67	50757	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.57	98	157984	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
43) trans-1,3-Dichloropropene-	7.85	79	20637	5.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.40%
46) 2-Hexanone-d5	8.32	63	91001	56.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.56%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	43618	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	62003	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	63658	5.52 ug/L	99
3) Chloromethane	1.33	50	57327	5.29 ug/L	99
5) Vinyl chloride	1.40	62	57264	5.47 ug/L	97
6) Bromomethane	1.63	94	33001	5.76 ug/L	96
8) Chloroethane	1.70	64	33297	5.58 ug/L	97
9) Trichlorofluoromethane	1.89	101	84516	5.66 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	46627	5.81 ug/L	96
12) 1,1-Dichloroethene	2.29	96	42647	5.76 ug/L	88
13) Acetone	2.32	43	67888	53.40 ug/L	98
14) Carbon disulfide	2.48	76	141979	5.42 ug/L	99
15) Methyl Acetate	2.62	43	19008	5.55 ug/L	97
16) Methylene chloride	2.70	84	46588	5.31 ug/L	96
17) Methyl tert-butyl Ether	3.00	73	103602	5.70 ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	46290	5.68 ug/L	96
19) 1,1-Dichloroethane	3.45	63	93015	6.08 ug/L	97
21) 2-Butanone	4.28	43	123924	55.54 ug/L	100
22) cis-1,2-Dichloroethene	4.23	96	54578	5.39 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	25433	5.57	ug/L	95
25) Chloroform	4.68	83	107335	5.76	ug/L	96
27) 1,2-Dichloroethane	5.41	62	62684	5.66	ug/L	98
29) 1,1,1-Trichloroethane	4.92	97	90138	5.41	ug/L	98
30) Cyclohexane	5.00	56	74051	5.22	ug/L	99
31) Carbon tetrachloride	5.14	117	82461	5.44	ug/L	99
33) Benzene	5.39	78	204021	5.46	ug/L	100
34) Trichloroethene	6.19	95	53916	5.36	ug/L	98
35) Methylcyclohexane	6.42	83	77754	5.22	ug/L	99
37) 1,2-Dichloropropane	6.44	63	54199	5.39	ug/L #	93
38) Bromodichloromethane	6.76	83	69416	5.45	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	69374	5.28	ug/L	96
40) 4-Methyl-2-pentanone	7.47	43	293799	54.44	ug/L	98
42) Toluene	7.64	91	222574	5.65	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	62478	5.52	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	38211	5.55	ug/L	97
47) Tetrachloroethene	8.23	164	49077	5.58	ug/L	98
48) 2-Hexanone	8.37	43	219908	58.38	ug/L	100
49) Dibromochloromethane	8.48	129	50910	5.64	ug/L	99
50) 1,2-Dibromoethane	8.59	107	36214	5.53	ug/L	100
51) Chlorobenzene	9.12	112	142184	5.38	ug/L	98
52) Ethylbenzene	9.25	91	222714	5.36	ug/L	99
53) m,p-xylene	9.38	106	90496	5.67	ug/L	99
54) o-xylene	9.78	106	84226	5.51	ug/L	96
55) Styrene	9.80	104	150691	5.80	ug/L	99
56) Isopropylbenzene	10.17	105	224841	5.57	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	46287	5.49	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	33239	5.48	ug/L	91
61) Bromoform	9.96	173	28718	5.51	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	110232	5.17	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	114403	5.09	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	113149	5.35	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.66	75	7484	5.14	ug/L	89
67) 1,3,5-Trichlorobenzene	12.89	180	92705	5.58	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	73958	5.75	ug/L	99
69) Naphthalene	13.74	128	109939	5.74	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	72925	5.95	ug/L	99

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

