

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101718\
 Data File : VU027688.D
 Acq On : 17 Oct 2018 19:44
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00551

Quant Time: Oct 18 09:01:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 10:16:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	83024	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	78293	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	40294	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28652	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.68	69	22743	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.28	63	53646	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.60%
20) 2-Butanone-d5	4.20	46	86832	46.29	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.58%
24) Chloroform-d	4.65	84	49218	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.31	65	25771	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.34	84	103058	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.33	67	35179	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.57	98	96040	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.85	79	14489	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.31	63	76018	47.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26011	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	35569	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	30642	4.522	ug/L 100
3) Chloromethane	1.33	50	35999	4.461	ug/L 96
5) Vinyl chloride	1.40	62	38309	4.728	ug/L 100
6) Bromomethane	1.63	94	10431	2.401	ug/L 100
8) Chloroethane	1.70	64	23520	5.036	ug/L 99
9) Trichlorofluoromethane	1.89	101	44517	4.760	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	25445	4.509	ug/L 99
12) 1,1-Dichloroethene	2.29	96	25652	4.565	ug/L 95
13) Acetone	2.33	43	48986	40.832	ug/L 97
14) Carbon disulfide	2.48	76	92716	4.764	ug/L 100
15) Methyl Acetate	2.63	43	14463	4.515	ug/L 96
16) Methylene chloride	2.70	84	29007	4.733	ug/L 99
17) Methyl tert-butyl Ether	3.01	73	73617	4.739	ug/L 99
18) trans-1,2-Dichloroethene	2.98	96	27889	4.669	ug/L 92
19) 1,1-Dichloroethane	3.45	63	56954	4.791	ug/L 100
21) 2-Butanone	4.29	43	94916	45.534	ug/L 95
22) cis-1,2-Dichloroethene	4.23	96	32682	4.944	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.55	128	13165	4.422	ug/L #	83
25) Chloroform	4.68	83	55948	4.877	ug/L	100
27) 1,2-Dichloroethane	5.41	62	34389	4.735	ug/L	96
29) 1,1,1-Trichloroethane	4.92	97	47270	4.925	ug/L	99
30) Cyclohexane	5.00	56	60489	5.015	ug/L	92
31) Carbon tetrachloride	5.14	117	41362	4.758	ug/L	100
33) Benzene	5.39	78	124379	4.854	ug/L	100
34) Trichloroethene	6.19	95	32452	4.893	ug/L	90
35) Methylcyclohexane	6.42	83	56090	4.908	ug/L	95
37) 1,2-Dichloropropane	6.44	63	35842	4.872	ug/L #	97
38) Bromodichloromethane	6.76	83	41044	4.801	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	51615	4.824	ug/L	99
40) 4-Methyl-2-pentanone	7.47	43	235595	47.440	ug/L #	97
42) Toluene	7.64	91	131908	4.792	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	41611	4.713	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	22102	4.672	ug/L	99
47) Tetrachloroethene	8.23	164	25127	4.746	ug/L	98
48) 2-Hexanone	8.37	43	167167	46.982	ug/L #	97
49) Dibromochloromethane	8.48	129	27357	4.653	ug/L	97
50) 1,2-Dibromoethane	8.59	107	20210	4.558	ug/L	100
51) Chlorobenzene	9.12	112	81887	4.848	ug/L	96
52) Ethylbenzene	9.25	91	147344	4.829	ug/L	99
53) m,p-xylene	9.38	106	54680	4.816	ug/L	91
54) o-xylene	9.78	106	53319	4.784	ug/L	92
55) Styrene	9.79	104	91137	4.863	ug/L	94
56) Isopropylbenzene	10.17	105	140980	4.757	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	27859	4.502	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	19956	4.720	ug/L	100
61) Bromoform	9.96	173	15905	4.405	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	64628	4.831	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	64726	4.824	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	60310	4.693	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.66	75	4996	4.722	ug/L	85
67) 1,3,5-Trichlorobenzene	12.89	180	50599	4.659	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	44487	4.752	ug/L	97
69) Naphthalene	13.75	128	72544	4.635	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	40582	4.642	ug/L	99

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

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