

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112118\
 Data File : VU028325.D
 Acq On : 21 Nov 2018 17:25
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00527

Quant Time: Nov 21 22:39:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 21 22:33:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	171252	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	166555	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	77890	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	70252	5.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.00%
7) Chloroethane-d5	1.68	69	53222	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.28	63	130267	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.60%
20) 2-Butanone-d5	4.19	46	198828	46.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.22%
24) Chloroform-d	4.65	84	116295	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.31	65	63766	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.34	84	231978	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.33	67	82782	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.57	98	202358	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.85	79	30011	5.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.00%
46) 2-Hexanone-d5	8.31	63	139322	41.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	58076	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	66199	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	63520	4.417 ug/L	100
3) Chloromethane	1.32	50	104311	5.699 ug/L	96
5) Vinyl chloride	1.40	62	80935	4.656 ug/L	96
6) Bromomethane	1.63	94	39158	4.992 ug/L	99
8) Chloroethane	1.70	64	46403	4.517 ug/L	92
9) Trichlorofluoromethane	1.89	101	92135	4.552 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	51613	4.633 ug/L	99
12) 1,1-Dichloroethene	2.29	96	48721	4.621 ug/L	86
13) Acetone	2.33	43	129344	43.610 ug/L	100
14) Carbon disulfide	2.48	76	153873	4.648 ug/L	99
15) Methyl Acetate	2.62	43	34759	4.422 ug/L	98
16) Methylene chloride	2.70	84	57889	4.358 ug/L	99
17) Methyl tert-butyl Ether	3.00	73	152295	4.809 ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	52102	4.639 ug/L	97
19) 1,1-Dichloroethane	3.44	63	125370	4.814 ug/L	99
21) 2-Butanone	4.28	43	225537	47.754 ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	62984	4.745 ug/L	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	24144	4.648	ug/L	98
25) Chloroform	4.67	83	119813	4.252	ug/L	99
27) 1,2-Dichloroethane	5.40	62	78428	4.869	ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	90892	4.841	ug/L	98
30) Cyclohexane	4.99	56	112990	4.598	ug/L	100
31) Carbon tetrachloride	5.13	117	71049	4.612	ug/L	99
33) Benzene	5.39	78	256547	4.668	ug/L	100
34) Trichloroethene	6.18	95	60974	4.532	ug/L	97
35) Methylcyclohexane	6.41	83	96662	4.560	ug/L	98
37) 1,2-Dichloropropane	6.43	63	76777	4.896	ug/L	99
38) Bromodichloromethane	6.76	83	81756	4.781	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	99049	4.984	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	552463	49.280	ug/L	99
42) Toluene	7.64	91	262136	4.706	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	76418	5.111	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	43863	4.629	ug/L	96
47) Tetrachloroethene	8.22	164	40674	4.355	ug/L	97
48) 2-Hexanone	8.37	43	393845	49.274	ug/L	98
49) Dibromochloromethane	8.48	129	46810	4.881	ug/L	97
50) 1,2-Dibromoethane	8.58	107	40642	4.746	ug/L	100
51) Chlorobenzene	9.12	112	148008	4.614	ug/L	97
52) Ethylbenzene	9.25	91	280023	4.672	ug/L	94
53) m,p-xylene	9.37	106	99859	4.801	ug/L	98
54) o-xylene	9.78	106	98561	4.745	ug/L	96
55) Styrene	9.79	104	171236	4.910	ug/L	94
56) Isopropylbenzene	10.17	105	262768	4.723	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	60349	4.955	ug/L	96
59) 1,2,3-Trichloropropane	10.49	75	43689	4.822	ug/L	96
61) Bromoform	9.96	173	24855	5.033	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	111253	4.693	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	113793	4.706	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	107043	4.606	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	9354	5.166	ug/L	91
67) 1,3,5-Trichlorobenzene	12.89	180	87713	4.838	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	77954	5.146	ug/L	99
69) Naphthalene	13.74	128	146543	5.443	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	72289	5.038	ug/L	99

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

