

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010219\
 Data File : VU028989.D
 Acq On : 02 Jan 2019 14:51
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00552

Quant Time: Jan 03 03:52:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 03 03:47:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	95587	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	92999	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45937	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	24371	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.68	69	21926	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.28	63	50236	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.80%
20) 2-Butanone-d5	4.19	46	74242	55.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.06%
24) Chloroform-d	4.65	84	50951	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.31	65	24585	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.34	84	104039	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.33	67	34954	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.56	98	92857	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.85	79	12281	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.31	63	60702	50.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29583	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	36558	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	40401	4.826	ug/L 97
3) Chloromethane	1.32	50	47565	5.092	ug/L 96
5) Vinyl chloride	1.40	62	47381	4.964	ug/L 98
6) Bromomethane	1.63	94	21387	4.840	ug/L 98
8) Chloroethane	1.70	64	27471	5.044	ug/L 98
9) Trichlorofluoromethane	1.89	101	49862	4.568	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	32964	4.680	ug/L 97
12) 1,1-Dichloroethene	2.28	96	32605	4.761	ug/L 91
13) Acetone	2.32	43	52949	49.063	ug/L 99
14) Carbon disulfide	2.48	76	117142	4.895	ug/L 99
15) Methyl Acetate	2.62	43	15750	4.981	ug/L 94
16) Methylene chloride	2.70	84	38712	3.948	ug/L 97
17) Methyl tert-butyl Ether	3.00	73	76434	4.545	ug/L 96
18) trans-1,2-Dichloroethene	2.98	96	35123	4.671	ug/L 99
19) 1,1-Dichloroethane	3.44	63	64131	5.024	ug/L 99
21) 2-Butanone	4.28	43	87669	54.298	ug/L 98
22) cis-1,2-Dichloroethene	4.22	96	37508	4.822	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	16186	5.128	ug/L	96
25) Chloroform	4.67	83	61311	5.055	ug/L	100
27) 1,2-Dichloroethane	5.40	62	36830	5.133	ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	48982	4.796	ug/L	99
30) Cyclohexane	4.99	56	58236	4.759	ug/L	97
31) Carbon tetrachloride	5.13	117	39390	4.843	ug/L	98
33) Benzene	5.39	78	144193	4.849	ug/L	100
34) Trichloroethene	6.18	95	35952	4.728	ug/L	96
35) Methylcyclohexane	6.41	83	60180	4.608	ug/L	96
37) 1,2-Dichloropropane	6.43	63	39592	5.226	ug/L	100
38) Bromodichloromethane	6.76	83	42320	4.962	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	51874	4.775	ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	211419	52.446	ug/L	97
42) Toluene	7.63	91	151886	4.771	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	41353	4.885	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	25564	4.958	ug/L	96
47) Tetrachloroethene	8.22	164	29422	4.672	ug/L	96
48) 2-Hexanone	8.36	43	151016	54.157	ug/L	97
49) Dibromochloromethane	8.48	129	27893	5.096	ug/L	99
50) 1,2-Dibromoethane	8.58	107	24073	4.992	ug/L	98
51) Chlorobenzene	9.12	112	94837	4.750	ug/L	98
52) Ethylbenzene	9.25	91	157085	4.652	ug/L	98
53) m,p-xylene	9.37	106	60459	4.705	ug/L	99
54) o-xylene	9.78	106	58768	4.711	ug/L	99
55) Styrene	9.79	104	99348	4.785	ug/L	99
56) Isopropylbenzene	10.16	105	149816	4.554	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	33290	5.274	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	22926	5.191	ug/L	98
61) Bromoform	9.96	173	16584	5.291	ug/L	97
62) 1,3-Dichlorobenzene	11.41	146	72576	4.674	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	72857	4.598	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	69499	4.730	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	4463	5.144	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	57333	4.772	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	47501	4.744	ug/L	98
69) Naphthalene	13.74	128	80465	4.698	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	44968	4.708	ug/L	99

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

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