

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\
 Data File : VU031303.D
 Acq On : 18 Apr 2019 13:32
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00542

Quant Time: Apr 19 04:33:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 19 04:26:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	209538	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	201754	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	94481	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	112129	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.68	69	92675	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.27	63	228175	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.40%
20) 2-Butanone-d5	4.21	46	231653	51.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.60%
24) Chloroform-d	4.64	84	145628	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.31	65	79173	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.34	84	282801	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.33	67	90107	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.56	98	255191	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.85	79	36712	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	8.31	63	170644	52.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	77046	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	86805	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	119098	4.941 ug/L	99
3) Chloromethane	1.32	50	153663	4.711 ug/L	98
5) Vinyl chloride	1.40	62	157560	4.742 ug/L	99
6) Bromomethane	1.63	94	91231	4.954 ug/L	96
8) Chloroethane	1.70	64	93868	4.953 ug/L	98
9) Trichlorofluoromethane	1.88	101	199454	4.772 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	112755	4.993 ug/L	99
12) 1,1-Dichloroethene	2.28	96	108396	4.820 ug/L	99
13) Acetone	2.35	43	241744	48.115 ug/L	99
14) Carbon disulfide	2.47	76	367306	4.891 ug/L	99
15) Methyl Acetate	2.62	43	64628	4.706 ug/L	100
16) Methylene chloride	2.70	84	123620	4.527 ug/L	95
17) Methyl tert-butyl Ether	3.00	73	300509	4.987 ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	114213	4.814 ug/L	98
19) 1,1-Dichloroethane	3.43	63	170512	5.150 ug/L	97
21) 2-Butanone	4.30	43	250426	48.497 ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	84008	4.580 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	40686	4.977	ug/L	99
25) Chloroform	4.67	83	156334	4.793	ug/L	99
27) 1,2-Dichloroethane	5.40	62	99426	4.728	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	133932	4.916	ug/L	99
30) Cyclohexane	4.99	56	132902	4.789	ug/L	97
31) Carbon tetrachloride	5.13	117	118405	4.867	ug/L	97
33) Benzene	5.38	78	331232	4.837	ug/L	100
34) Trichloroethene	6.18	95	86211	4.657	ug/L	98
35) Methylcyclohexane	6.41	83	121002	4.747	ug/L	98
37) 1,2-Dichloropropane	6.43	63	82872	4.591	ug/L	100
38) Bromodichloromethane	6.76	83	110746	4.917	ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	122333	5.077	ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	572663	49.401	ug/L	99
42) Toluene	7.63	91	346478	5.018	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	97978	4.918	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	61088	4.749	ug/L	96
47) Tetrachloroethene	8.22	164	69524	5.041	ug/L	95
48) 2-Hexanone	8.37	43	406016	49.350	ug/L	100
49) Dibromochloromethane	8.47	129	76391	4.964	ug/L	99
50) 1,2-Dibromoethane	8.58	107	62347	5.118	ug/L #	93
51) Chlorobenzene	9.12	112	214548	4.963	ug/L	98
52) Ethylbenzene	9.25	91	353714	4.959	ug/L	99
53) m,p-Xylene	9.37	106	132607	5.175	ug/L	97
54) o-Xylene	9.78	106	129525	5.129	ug/L	98
55) Styrene	9.79	104	218265	5.204	ug/L	99
56) Isopropylbenzene	10.16	105	341360	5.149	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	78113	4.751	ug/L	93
59) 1,2,3-Trichloropropane	10.49	75	56042	4.757	ug/L	99
61) Bromoform	9.95	173	43974	4.841	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	156478	5.036	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	152371	4.867	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	153709	4.860	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	12133	4.713	ug/L #	85
67) 1,3,5-Trichlorobenzene	12.88	180	119973	4.701	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	93741	5.093	ug/L	97
69) Naphthalene	13.74	128	163577	4.527	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	99444	5.216	ug/L	99

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

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