

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060419\
 Data File : VU032428.D
 Acq On : 04 Jun 2019 15:23
 Operator : JC/SP
 Sample : K3081-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALE8

Quant Time: Jun 04 23:22:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 04 22:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	112924	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	106670	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	54954	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	30318	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.68	69	27778	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.27	63	58744	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	4.20	46	93471	45.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.24%
24) Chloroform-d	4.64	84	55518	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.30	65	30154	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.33	84	113595	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.32	67	35336	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.56	98	107012	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.85	79	14898	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.31	63	78187	44.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29882	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	42903	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

					Ovalue
3) Chloromethane	1.33	50	29917	2.977	ug/L 100
6) Bromomethane	1.63	94	18688	3.102	ug/L 97
9) Trichlorofluoromethane	1.88	101	97849	6.922	ug/L 99
12) 1,1-Dichloroethene	2.28	96	22693	3.163	ug/L 85
13) Acetone	2.34	43	154399	97.086	ug/L 99
14) Carbon disulfide	2.47	76	103406	4.500	ug/L 99
16) Methylene chloride	2.69	84	16742	2.104	ug/L 98
17) Methyl tert-butyl Ether	3.00	73	162110	7.726	ug/L 100
19) 1,1-Dichloroethane	3.43	63	110435	7.970	ug/L 97
21) 2-Butanone	4.28	43	290345	125.527	ug/L 100
27) 1,2-Dichloroethane	5.40	62	59546	6.401	ug/L 99
29) 1,1,1-Trichloroethane	4.90	97	100166	7.706	ug/L 98
30) Cyclohexane	4.98	56	131617	9.580	ug/L 98
34) Trichloroethene	6.18	95	39695	4.388	ug/L 98
35) Methylcyclohexane	6.40	83	80065	5.503	ug/L 99
37) 1,2-Dichloropropane	6.43	63	15852	1.948	ug/L 100
42) Toluene	7.63	91	263886	7.529	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	8.22	164	54297	7.627	ug/L	97
48) 2-Hexanone	8.36	43	241622	58.389	ug/L	99
50) 1,2-Dibromoethane	8.58	107	83130	14.090	ug/L	100
51) Chlorobenzene	9.11	112	209589	9.537	ug/L	99
52) Ethylbenzene	9.24	91	217727	5.636	ug/L	99
53) m,p-Xylene	9.37	106	168627	11.515	ug/L	98
54) o-Xylene	9.77	106	69588	4.761	ug/L	99
55) Styrene	9.79	104	114686	4.770	ug/L	99
56) Isopropylbenzene	10.16	105	114816	2.978	ug/L	99
61) Bromoform	9.95	173	20745	4.698	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	69411	3.806	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	185133	10.680	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	4574	3.758	ug/L	96
70) 1,2,3-Trichlorobenzene	13.98	180	108260	9.378	ug/L	97

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

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