

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040819\
 Data File : VU030888.D
 Acq On : 08 Apr 2019 04:13
 Operator : JC/SP
 Sample : VSTDCCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00510

Quant Time: Apr 08 04:43:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 08 04:40:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	264921	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	269376	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	122417	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	96505	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.68	69	83685	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.27	63	210268	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.40%
20) 2-Butanone-d5	4.19	46	280909	53.85	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.70%
24) Chloroform-d	4.64	84	163991	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.31	65	98669	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.33	84	333390	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.33	67	112509	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.56	98	307885	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	7.85	79	39047	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.31	63	196762	51.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90880	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	100168	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	148678	5.038	ug/L 99
3) Chloromethane	1.32	50	162447	4.696	ug/L 100
5) Vinyl chloride	1.40	62	166579	5.255	ug/L 99
6) Bromomethane	1.62	94	82559	5.324	ug/L 98
8) Chloroethane	1.69	64	93591	5.190	ug/L 96
9) Trichlorofluoromethane	1.88	101	194257	5.406	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	98197	4.914	ug/L 98
12) 1,1-Dichloroethene	2.28	96	102109	5.282	ug/L 93
13) Acetone	2.32	43	241671	59.922	ug/L 99
14) Carbon disulfide	2.47	76	346070	5.105	ug/L 100
15) Methyl Acetate	2.61	43	62821	6.030	ug/L 100
16) Methylene chloride	2.69	84	117650	5.221	ug/L 97
17) Methyl tert-butyl Ether	3.00	73	286290	5.532	ug/L 99
18) trans-1,2-Dichloroethene	2.97	96	106864	5.236	ug/L 97
19) 1,1-Dichloroethane	3.44	63	215261	4.987	ug/L 99
21) 2-Butanone	4.27	43	360188	56.351	ug/L 100
22) cis-1,2-Dichloroethene	4.22	96	107908	4.959	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	47579	5.473	ug/L	99
25) Chloroform	4.67	83	218987	5.565	ug/L	99
27) 1,2-Dichloroethane	5.40	62	137425	5.382	ug/L	96
29) 1,1,1-Trichloroethane	4.91	97	171595	5.000	ug/L	99
30) Cyclohexane	4.98	56	169764	4.098	ug/L	98
31) Carbon tetrachloride	5.13	117	148174	5.143	ug/L	94
33) Benzene	5.38	78	440217	4.831	ug/L	100
34) Trichloroethene	6.18	95	107137	4.697	ug/L	96
35) Methylcyclohexane	6.41	83	146922	4.036	ug/L	96
37) 1,2-Dichloropropane	6.43	63	120977	4.824	ug/L	99
38) Bromodichloromethane	6.75	83	147672	5.043	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	141563	4.221	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	826218	52.815	ug/L	100
42) Toluene	7.63	91	457501	5.006	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	118012	4.546	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	79879	5.342	ug/L	98
47) Tetrachloroethene	8.22	164	78078	4.880	ug/L	97
48) 2-Hexanone	8.36	43	619166	57.122	ug/L	98
49) Dibromochloromethane	8.47	129	91943	5.142	ug/L	97
50) 1,2-Dibromoethane	8.58	107	74277	5.329	ug/L	100
51) Chlorobenzene	9.12	112	272513	4.836	ug/L	98
52) Ethylbenzene	9.25	91	455509	4.673	ug/L	99
53) m,p-Xylene	9.37	106	163397	4.799	ug/L	98
54) o-Xylene	9.78	106	158136	4.736	ug/L	98
55) Styrene	9.79	104	287045	5.096	ug/L	98
56) Isopropylbenzene	10.16	105	422911	4.742	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	107338	5.399	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	77681	5.544	ug/L	98
61) Bromoform	9.95	173	52984	5.716	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	185991	4.815	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	185804	4.589	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	186166	4.953	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	16878	5.804	ug/L	99
67) 1,3,5-Trichlorobenzene	12.88	180	135364	4.697	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	105117	4.722	ug/L	97
69) Naphthalene	13.74	128	161822	4.527	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	103811	5.004	ug/L	99

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

