

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091519\
 Data File : VU034554.D
 Acq On : 15 Sep 2019 10:32
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV01

Quant Time: Sep 16 03:51:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 16 03:49:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	197958	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	187645	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	90414	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	64144	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.67	69	52861	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.26	63	102600	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.20%
20) 2-Butanone-d5	4.16	46	202054	45.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.96%
24) Chloroform-d	4.62	84	121401	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.29	65	62945	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.31	84	248572	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.31	67	85610	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.54	98	232973	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.83	79	35942	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.29	63	165916	45.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.26%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	68698	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	80982	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	45506	4.682	ug/L 100
3) Chloromethane	1.32	50	66223	4.921	ug/L 97
5) Vinyl chloride	1.40	62	58514	4.821	ug/L 96
6) Bromomethane	1.62	94	35383	5.584	ug/L 92
8) Chloroethane	1.69	64	36853	5.186	ug/L 98
9) Trichlorofluoromethane	1.88	101	66834	4.717	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	34335	4.564	ug/L 97
12) 1,1-Dichloroethene	2.27	96	38531	4.806	ug/L 90
13) Acetone	2.31	43	123619	43.335	ug/L 98
14) Carbon disulfide	2.46	76	101417	4.889	ug/L 95
15) Methyl Acetate	2.60	43	32790	4.490	ug/L 97
16) Methylene chloride	2.68	84	52979	4.630	ug/L 97
17) Methyl tert-butyl Ether	2.98	73	153391	4.767	ug/L 99
18) trans-1,2-Dichloroethene	2.96	96	44464	4.862	ug/L 97
19) 1,1-Dichloroethane	3.42	63	114762	4.843	ug/L 98
21) 2-Butanone	4.25	43	212175	46.825	ug/L 96
22) cis-1,2-Dichloroethene	4.20	96	67026	4.829	ug/L 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	27682	4.803	ug/L	94
25) Chloroform	4.65	83	116567	4.564	ug/L	99
27) 1,2-Dichloroethane	5.38	62	70466	4.743	ug/L	98
29) 1,1,1-Trichloroethane	4.89	97	85287	4.663	ug/L	98
30) Cyclohexane	4.96	56	67824	4.741	ug/L	99
31) Carbon tetrachloride	5.11	117	70380	4.921	ug/L	98
33) Benzene	5.36	78	243756	4.866	ug/L	100
34) Trichloroethene	6.16	95	60882	4.884	ug/L	95
35) Methylcyclohexane	6.39	83	67259	4.581	ug/L	97
37) 1,2-Dichloropropane	6.41	63	74086	5.048	ug/L	100
38) Bromodichloromethane	6.73	83	88976	4.821	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	111285	5.016	ug/L	98
40) 4-Methyl-2-pentanone	7.44	43	551224	46.314	ug/L	99
42) Toluene	7.61	91	260763	4.920	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	87642	4.773	ug/L	97
45) 1,1,2-Trichloroethane	8.04	97	49872	4.776	ug/L	95
47) Tetrachloroethene	8.21	164	35997	4.729	ug/L	98
48) 2-Hexanone	8.34	43	388071	48.037	ug/L	97
49) Dibromochloromethane	8.45	129	62430	4.913	ug/L	96
50) 1,2-Dibromoethane	8.57	107	46355	4.705	ug/L	98
51) Chlorobenzene	9.10	112	172487	5.017	ug/L	98
52) Ethylbenzene	9.23	91	301346	5.035	ug/L	99
53) m,p-Xylene	9.35	106	109659	4.975	ug/L	98
54) o-Xylene	9.76	106	112093	4.966	ug/L	95
55) Styrene	9.77	104	195707	5.058	ug/L	99
56) Isopropylbenzene	10.14	105	290853	5.018	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.43	83	70723	4.660	ug/L	99
59) 1,2,3-Trichloropropane	10.47	75	47783	4.608	ug/L	98
61) Bromoform	9.94	173	33019	4.702	ug/L	97
62) 1,3-Dichlorobenzene	11.39	146	133859	4.912	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	134939	4.968	ug/L	98
65) 1,2-Dichlorobenzene	11.85	146	129251	4.967	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.63	75	12162	4.714	ug/L	95
67) 1,3,5-Trichlorobenzene	12.86	180	95417	5.188	ug/L	99
68) 1,2,4-trichlorobenzene	13.48	180	79643	5.355	ug/L	99
69) Naphthalene	13.72	128	177109	5.374	ug/L	98
70) 1,2,3-Trichlorobenzene	13.96	180	72703	5.091	ug/L	95

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

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