

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112919\
 Data File : VU035928.D
 Acq On : 29 Nov 2019 17:23
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00516

Quant Time: Nov 30 03:25:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 30 03:20:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	247431	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	276339	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	158978	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	130918	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.93	69	126396	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.59	63	223478	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.70	46	368825	49.31	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.62%
24) Chloroform-d	5.11	84	249919	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.75	65	135115	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.77	84	476742	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.73	67	158957	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.93	98	437561	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.21	79	61481	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.68	63	311338	56.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.06%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	138190	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	150496	4.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	134172	4.002	ug/L 99
3) Chloromethane	1.54	50	164662	3.989	ug/L 98
5) Vinyl chloride	1.62	62	180526	4.369	ug/L 94
6) Bromomethane	1.87	94	79381	3.738	ug/L 98
8) Chloroethane	1.95	64	116328	4.866	ug/L 98
9) Trichlorofluoromethane	2.16	101	222420	4.636	ug/L 95
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	119261	4.376	ug/L 93
12) 1,1-Dichloroethene	2.61	96	110662	4.298	ug/L 86
13) Acetone	2.68	43	247227	37.632	ug/L 95
14) Carbon disulfide	2.82	76	334007	3.906	ug/L 100
15) Methyl Acetate	3.00	43	56374	4.280	ug/L 99
16) Methylene chloride	3.08	84	138006	4.437	ug/L 95
17) Methyl tert-butyl Ether	3.42	73	270855	4.348	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	113876	4.492	ug/L 98
19) 1,1-Dichloroethane	3.92	63	255644	4.488	ug/L 98
21) 2-Butanone	4.78	43	394947	47.508	ug/L 99
22) cis-1,2-Dichloroethene	4.72	96	130490	4.619	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	60694	4.932	ug/L	94
25) Chloroform	5.14	83	258874	4.671	ug/L	99
27) 1,2-Dichloroethane	5.84	62	164482	4.512	ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	206537	4.628	ug/L	97
30) Cyclohexane	5.43	56	175270	4.019	ug/L	98
31) Carbon tetrachloride	5.57	117	177148	4.584	ug/L	97
33) Benzene	5.82	78	544784	4.723	ug/L	100
34) Trichloroethene	6.58	95	133781	4.730	ug/L	95
35) Methylcyclohexane	6.80	83	165740	3.993	ug/L	97
37) 1,2-Dichloropropane	6.83	63	149274	4.563	ug/L	99
38) Bromodichloromethane	7.14	83	182611	4.657	ug/L	97
39) cis-1,3-Dichloropropene	7.65	75	185986	4.392	ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	928645	46.235	ug/L	98
42) Toluene	8.00	91	568669	4.739	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	161216	4.591	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	104374	4.896	ug/L	99
47) Tetrachloroethene	8.58	164	102175	4.748	ug/L	96
48) 2-Hexanone	8.73	43	700359	47.362	ug/L	93
49) Dibromochloromethane	8.84	129	123221	4.900	ug/L	100
50) 1,2-Dibromoethane	8.96	107	95383	4.890	ug/L	99
51) Chlorobenzene	9.48	112	339967	4.574	ug/L	100
52) Ethylbenzene	9.60	91	548423	4.420	ug/L	99
53) m,p-Xylene	9.72	106	201410	4.604	ug/L	93
54) o-Xylene	10.13	106	201288	4.738	ug/L	95
55) Styrene	10.14	104	352575	5.004	ug/L	96
56) Isopropylbenzene	10.51	105	522082	4.652	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	133384	4.522	ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	99863	4.695	ug/L	98
61) Bromoform	10.32	173	69831	4.372	ug/L	96
62) 1,3-Dichlorobenzene	11.77	146	262365	4.598	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	255256	4.544	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	253733	4.661	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	19665	4.365	ug/L	90
67) 1,3,5-Trichlorobenzene	13.24	180	170729	4.979	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	92782	4.708	ug/L	98
69) Naphthalene	14.11	128	81145	2.924	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	90305	4.712	ug/L	99

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

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