

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102419\
 Data File : VU035453.D
 Acq On : 24 Oct 2019 11:50
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00516

Quant Time: Oct 25 07:04:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 24 17:45:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	236090	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	235578	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	104808	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	75449	5.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.80%
7) Chloroethane-d5	1.93	69	71910	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.60	63	147180	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.60%
20) 2-Butanone-d5	4.70	46	217250	52.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.02%
24) Chloroform-d	5.11	84	151238	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.00%
26) 1,2-Dichloroethane-d4	5.75	65	77978	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.77	84	273513	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.73	67	91681	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.93	98	247997	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.21	79	34932	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.68	63	155349	42.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.86%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	82169	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	86501	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	108641	5.407	ug/L 99
3) Chloromethane	1.54	50	112361	5.637	ug/L 98
5) Vinyl chloride	1.62	62	116763	5.704	ug/L 98
6) Bromomethane	1.87	94	72810	6.024	ug/L 95
8) Chloroethane	1.95	64	72724	5.510	ug/L 99
9) Trichlorofluoromethane	2.16	101	149285	5.462	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	85709	5.443	ug/L 94
12) 1,1-Dichloroethene	2.61	96	77446	5.106	ug/L 90
13) Acetone	2.67	43	163496	56.816	ug/L 97
14) Carbon disulfide	2.82	76	244728	5.103	ug/L 99
15) Methyl Acetate	3.00	43	36381	5.074	ug/L 98
16) Methylene chloride	3.08	84	102025	5.591	ug/L 99
17) Methyl tert-butyl Ether	3.43	73	193777	4.747	ug/L 98
18) trans-1,2-Dichloroethene	3.39	96	83853	5.123	ug/L 95
19) 1,1-Dichloroethane	3.92	63	171090	5.780	ug/L 99
21) 2-Butanone	4.78	43	233604	49.807	ug/L 96
22) cis-1,2-Dichloroethene	4.72	96	92010	5.086	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	41267	5.299	ug/L	90
25) Chloroform	5.14	83	177619	5.469	ug/L	98
27) 1,2-Dichloroethane	5.84	62	108197	5.432	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	142929	5.179	ug/L	98
30) Cyclohexane	5.43	56	130327	4.410	ug/L	98
31) Carbon tetrachloride	5.56	117	125943	5.069	ug/L	98
33) Benzene	5.82	78	365208	5.269	ug/L	100
34) Trichloroethene	6.58	95	90967	4.881	ug/L	92
35) Methylcyclohexane	6.80	83	133375	4.282	ug/L	96
37) 1,2-Dichloropropane	6.83	63	96743	5.498	ug/L	100
38) Bromodichloromethane	7.14	83	123998	5.231	ug/L	98
39) cis-1,3-Dichloropropene	7.65	75	128935	4.378	ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	565043	47.568	ug/L	97
42) Toluene	8.00	91	388666	5.080	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	108498	4.508	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	66807	5.114	ug/L	96
47) Tetrachloroethene	8.58	164	72544	4.673	ug/L	99
48) 2-Hexanone	8.73	43	391123	46.950	ug/L	97
49) Dibromochloromethane	8.84	129	81596	4.927	ug/L	100
50) 1,2-Dibromoethane	8.96	107	64095	4.908	ug/L	100
51) Chlorobenzene	9.48	112	241125	4.881	ug/L	100
52) Ethylbenzene	9.60	91	403073	4.633	ug/L	98
53) m,p-Xylene	9.72	106	147454	4.488	ug/L	98
54) o-Xylene	10.13	106	143723	4.482	ug/L	96
55) Styrene	10.14	104	245542	4.703	ug/L	99
56) Isopropylbenzene	10.51	105	379393	4.399	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	90149	5.362	ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	63095	5.147	ug/L	99
61) Bromoform	10.32	173	45597	4.697	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	172574	4.825	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	166328	4.730	ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	162380	4.833	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	10683	4.501	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	91770	4.141	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	53426	3.621	ug/L	99
69) Naphthalene	14.11	128	63778	3.149	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	55349	4.012	ug/L	99

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

