

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101719\
 Data File : VU035260.D
 Acq On : 18 Oct 2019 11:27
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00525

Quant Time: Oct 18 13:55:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 07:32:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	342785	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	326069	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	152475	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	90617	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.94	69	82009	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.60	63	177659	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.00%
20) 2-Butanone-d5	4.71	46	267075	44.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.92%
24) Chloroform-d	5.11	84	183019	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.75	65	97639	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.77	84	338035	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.74	67	109420	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.93	98	312569	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	8.22	79	48443	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.68	63	231503	45.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.38%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	100687	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	121980	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	143443	4.917	ug/L 99
3) Chloromethane	1.54	50	141367	4.885	ug/L 100
5) Vinyl chloride	1.62	62	144686	4.868	ug/L 99
6) Bromomethane	1.88	94	83245	4.744	ug/L 99
8) Chloroethane	1.95	64	88070	4.596	ug/L 98
9) Trichlorofluoromethane	2.16	101	194815	4.910	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	109268	4.780	ug/L 98
12) 1,1-Dichloroethene	2.61	96	104191	4.731	ug/L 91
13) Acetone	2.67	43	183806	43.993	ug/L 98
14) Carbon disulfide	2.82	76	327617	4.705	ug/L 100
15) Methyl Acetate	3.00	43	42653	4.097	ug/L 94
16) Methylene chloride	3.08	84	118321	4.466	ug/L 98
17) Methyl tert-butyl Ether	3.43	73	274605	4.633	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	114216	4.806	ug/L 97
19) 1,1-Dichloroethane	3.92	63	212225	4.938	ug/L 99
21) 2-Butanone	4.78	43	292236	42.914	ug/L 99
22) cis-1,2-Dichloroethene	4.72	96	125848	4.791	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.03	128	54596	4.828	ug/L	98
25) Chloroform	5.14	83	218412	4.632	ug/L	98
27) 1,2-Dichloroethane	5.84	62	136598	4.723	ug/L	99
29) 1,1,1-Trichloroethane	5.37	97	186995	4.896	ug/L	99
30) Cyclohexane	5.43	56	189980	4.644	ug/L	98
31) Carbon tetrachloride	5.57	117	165105	4.801	ug/L	99
33) Benzene	5.82	78	472608	4.926	ug/L	100
34) Trichloroethene	6.58	95	123027	4.770	ug/L	98
35) Methylcyclohexane	6.80	83	203989	4.732	ug/L	98
37) 1,2-Dichloropropane	6.84	63	120196	4.935	ug/L	100
38) Bromodichloromethane	7.15	83	157348	4.795	ug/L	100
39) cis-1,3-Dichloropropene	7.65	75	189495	4.648	ug/L	98
40) 4-Methyl-2-pentanone	7.85	43	725940	44.153	ug/L	99
42) Toluene	8.01	91	517318	4.885	ug/L	98
44) trans-1,3-Dichloropropene	8.25	75	149586	4.490	ug/L	98
45) 1,1,2-Trichloroethane	8.44	97	86979	4.810	ug/L	99
47) Tetrachloroethene	8.58	164	102333	4.762	ug/L	97
48) 2-Hexanone	8.74	43	488683	42.382	ug/L	95
49) Dibromochloromethane	8.84	129	108842	4.748	ug/L	97
50) 1,2-Dibromoethane	8.96	107	84429	4.671	ug/L	100
51) Chlorobenzene	9.48	112	328263	4.801	ug/L	99
52) Ethylbenzene	9.60	91	578919	4.807	ug/L	100
53) m,p-Xylene	9.73	106	219339	4.823	ug/L	99
54) o-Xylene	10.13	106	212092	4.779	ug/L	98
55) Styrene	10.14	104	344460	4.767	ug/L	97
56) Isopropylbenzene	10.51	105	562040	4.708	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	113247	4.867	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	79417	4.680	ug/L	100
61) Bromoform	10.32	173	63723	4.512	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	245156	4.712	ug/L	98
63) 1,4-Dichlorobenzene	11.87	146	234663	4.587	ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	227490	4.654	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.03	75	13773	3.989	ug/L	99
67) 1,3,5-Trichlorobenzene	13.25	180	137138	4.253	ug/L	97
68) 1,2,4-trichlorobenzene	13.87	180	86615	4.035	ug/L	99
69) Naphthalene	14.11	128	117152	3.976	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	86365	4.303	ug/L	99

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

