

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090819\
 Data File : VU034415.D
 Acq On : 08 Sep 2019 06:18
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00519

Quant Time: Sep 08 07:05:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Sep 08 03:44:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	256602	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	261711	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	146153	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	80313	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.68	69	73955	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.27	63	165058	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.00%
20) 2-Butanone-d5	4.17	46	222568	55.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.50%
24) Chloroform-d	4.63	84	165291	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.29	65	79097	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.32	84	340933	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.31	67	107333	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.54	98	320558	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.83	79	34807	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.30	63	169159	51.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.58%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	89642	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	130231	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	130442	5.305 ug/L	99
3) Chloromethane	1.32	50	131553	5.418 ug/L	100
5) Vinyl chloride	1.40	62	137616	5.462 ug/L	100
6) Bromomethane	1.62	94	67948	5.737 ug/L	100
8) Chloroethane	1.69	64	77966	5.391 ug/L	98
9) Trichlorofluoromethane	1.88	101	160897	5.716 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	91735	5.664 ug/L	96
12) 1,1-Dichloroethene	2.28	96	93537	5.861 ug/L	80
13) Acetone	2.31	43	141580	52.968 ug/L	97
14) Carbon disulfide	2.47	76	292611	5.372 ug/L	99
15) Methyl Acetate	2.60	43	41063	5.476 ug/L	97
16) Methylene chloride	2.68	84	99471	5.490 ug/L	96
17) Methyl tert-butyl Ether	2.99	73	224973	5.665 ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	98967	5.734 ug/L	95
19) 1,1-Dichloroethane	3.42	63	189287	5.562 ug/L	99
21) 2-Butanone	4.25	43	251706	56.520 ug/L	97
22) cis-1,2-Dichloroethene	4.20	96	108026	5.566 ug/L	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	48678	5.841	ug/L	99
25) Chloroform	4.65	83	191009	5.513	ug/L	99
27) 1,2-Dichloroethane	5.39	62	105391	5.511	ug/L	98
29) 1,1,1-Trichloroethane	4.89	97	151728	5.287	ug/L	99
30) Cyclohexane	4.97	56	151770	4.471	ug/L	97
31) Carbon tetrachloride	5.11	117	136642	5.384	ug/L	99
33) Benzene	5.37	78	407691	5.150	ug/L	100
34) Trichloroethene	6.16	95	102038	5.002	ug/L	96
35) Methylcyclohexane	6.39	83	150871	4.462	ug/L	96
37) 1,2-Dichloropropane	6.41	63	106840	5.239	ug/L	99
38) Bromodichloromethane	6.74	83	125685	5.291	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	127137	4.471	ug/L	97
40) 4-Methyl-2-pentanone	7.44	43	593487	52.450	ug/L	98
42) Toluene	7.62	91	444228	5.318	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	99853	4.725	ug/L	96
45) 1,1,2-Trichloroethane	8.05	97	72636	5.553	ug/L	99
47) Tetrachloroethene	8.21	164	89834	5.358	ug/L	96
48) 2-Hexanone	8.34	43	429249	54.471	ug/L	96
49) Dibromochloromethane	8.46	129	88850	5.726	ug/L	99
50) 1,2-Dibromoethane	8.57	107	67138	5.424	ug/L	99
51) Chlorobenzene	9.10	112	280704	5.269	ug/L	99
52) Ethylbenzene	9.23	91	446956	4.951	ug/L	98
53) m,p-Xylene	9.35	106	178053	5.132	ug/L	96
54) o-Xylene	9.76	106	171313	5.153	ug/L	98
55) Styrene	9.77	104	301991	5.438	ug/L	99
56) Isopropylbenzene	10.14	105	433943	4.906	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	94455	5.615	ug/L	98
59) 1,2,3-Trichloropropane	10.47	75	65571	5.614	ug/L	100
61) Bromoform	9.94	173	51198	5.597	ug/L	97
62) 1,3-Dichlorobenzene	11.40	146	240702	5.283	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	238937	5.202	ug/L	97
65) 1,2-Dichlorobenzene	11.85	146	223307	5.348	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	13248	5.240	ug/L	99
67) 1,3,5-Trichlorobenzene	12.87	180	177749	4.871	ug/L	99
68) 1,2,4-trichlorobenzene	13.48	180	133231	4.763	ug/L	98
69) Naphthalene	13.72	128	191207	4.540	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	132386	5.197	ug/L	97

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

