

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102519\
 Data File : VU035507.D
 Acq On : 26 Oct 2019 00:08
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00556

Quant Time: Oct 28 08:08:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 25 12:54:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	202423	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	224279	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	125456	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	126710	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.93	69	106929	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.59	63	213500	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.80%
20) 2-Butanone-d5	4.71	46	303957	57.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.10%
24) Chloroform-d	5.12	84	206816	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.75	65	109528	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.77	84	407427	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.74	67	134016	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.93	98	364571	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	8.21	79	50923	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.68	63	231966	59.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.96%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	112835	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	129183	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	136058	4.975 ug/L	99
3) Chloromethane	1.53	50	151035	4.726 ug/L	98
5) Vinyl chloride	1.62	62	155051	4.899 ug/L	91
6) Bromomethane	1.87	94	52657	3.197 ug/L	100
8) Chloroethane	1.95	64	94400	5.058 ug/L	97
9) Trichlorofluoromethane	2.16	101	183851	5.014 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	99675	4.825 ug/L	94
12) 1,1-Dichloroethene	2.61	96	96309	5.000 ug/L	88
13) Acetone	2.68	43	202507	50.039 ug/L	99
14) Carbon disulfide	2.82	76	328598	4.821 ug/L	100
15) Methyl Acetate	3.00	43	49639	5.351 ug/L	97
16) Methylene chloride	3.08	84	115238	4.618 ug/L	99
17) Methyl tert-butyl Ether	3.43	73	237124	5.091 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	105222	5.021 ug/L	92
19) 1,1-Dichloroethane	3.92	63	210881	5.100 ug/L	98
21) 2-Butanone	4.79	43	308172	52.484 ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	114839	5.137 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.03	128	50153	4.851	ug/L	87
25) Chloroform	5.14	83	212882	4.854	ug/L	99
27) 1,2-Dichloroethane	5.84	62	129675	5.010	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	170575	5.061	ug/L	99
30) Cyclohexane	5.43	56	170837	4.962	ug/L	96
31) Carbon tetrachloride	5.57	117	152725	5.079	ug/L	98
33) Benzene	5.82	78	454066	5.083	ug/L	100
34) Trichloroethene	6.58	95	109149	4.974	ug/L	96
35) Methylcyclohexane	6.80	83	164657	4.848	ug/L	95
37) 1,2-Dichloropropane	6.84	63	118198	5.008	ug/L	100
38) Bromodichloromethane	7.15	83	144515	4.936	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	159546	4.857	ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	740702	53.007	ug/L	98
42) Toluene	8.01	91	470030	5.155	ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	133018	5.119	ug/L	94
45) 1,1,2-Trichloroethane	8.44	97	81429	4.968	ug/L	96
47) Tetrachloroethene	8.58	164	88065	4.888	ug/L	95
48) 2-Hexanone	8.73	43	529717	56.367	ug/L	98
49) Dibromochloromethane	8.84	129	96053	5.008	ug/L	98
50) 1,2-Dibromoethane	8.96	107	77073	5.060	ug/L	98
51) Chlorobenzene	9.48	112	290741	5.061	ug/L	98
52) Ethylbenzene	9.60	91	482695	5.068	ug/L	100
53) m,p-Xylene	9.72	106	180747	5.197	ug/L	97
54) o-Xylene	10.13	106	174598	5.153	ug/L	97
55) Styrene	10.14	104	299041	5.404	ug/L	96
56) Isopropylbenzene	10.51	105	454663	5.138	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	108333	5.054	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	77024	5.093	ug/L	98
61) Bromoform	10.32	173	55682	4.569	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	217999	5.088	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	212605	4.987	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	206355	5.014	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	14071	5.092	ug/L	93
67) 1,3,5-Trichlorobenzene	13.24	180	139092	5.256	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	80176	5.448	ug/L	99
69) Naphthalene	14.11	128	95531	4.755	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	80595	5.497	ug/L	99

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

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