

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102819\
 Data File : VU035528.D
 Acq On : 28 Oct 2019 10:11
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00518

Quant Time: Oct 30 03:17:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 26 04:07:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	237570	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	246476	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	140243	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	122811	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.93	69	102056	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.60%
11) 1,1-Dichloroethene-d2	2.60	63	209226	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.80%
20) 2-Butanone-d5	4.71	46	306568	49.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.04%
24) Chloroform-d	5.11	84	205033	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.75	65	103662	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
32) Benzene-d6	5.77	84	398028	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.73	67	131718	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.93	98	358209	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	8.21	79	53220	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.68	63	244057	57.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.84%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	109610	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	127818	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	139762	4.354	ug/L 99
3) Chloromethane	1.53	50	162957	4.345	ug/L 99
5) Vinyl chloride	1.62	62	166403	4.480	ug/L 99
6) Bromomethane	1.87	94	86226	4.461	ug/L 100
8) Chloroethane	1.95	64	97729	4.461	ug/L 100
9) Trichlorofluoromethane	2.16	101	191449	4.449	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	107680	4.442	ug/L 99
12) 1,1-Dichloroethene	2.61	96	102151	4.519	ug/L 95
13) Acetone	2.68	43	217013	45.690	ug/L 98
14) Carbon disulfide	2.82	76	350540	4.382	ug/L 99
15) Methyl Acetate	3.00	43	52639	4.835	ug/L 98
16) Methylene chloride	3.08	84	123269	4.209	ug/L 98
17) Methyl tert-butyl Ether	3.43	73	260544	4.766	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	113657	4.621	ug/L 99
19) 1,1-Dichloroethane	3.92	63	221213	4.558	ug/L 99
21) 2-Butanone	4.78	43	335597	48.699	ug/L 100
22) cis-1,2-Dichloroethene	4.72	96	122261	4.660	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	55194	4.549	ug/L	98
25) Chloroform	5.14	83	218811	4.251	ug/L	98
27) 1,2-Dichloroethane	5.84	62	134521	4.429	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	179261	4.840	ug/L	99
30) Cyclohexane	5.43	56	189410	5.006	ug/L	100
31) Carbon tetrachloride	5.57	117	159359	4.822	ug/L	99
33) Benzene	5.82	78	483716	4.927	ug/L	100
34) Trichloroethene	6.58	95	121196	5.025	ug/L	98
35) Methylcyclohexane	6.80	83	194260	5.205	ug/L	97
37) 1,2-Dichloropropane	6.83	63	125596	4.842	ug/L	99
38) Bromodichloromethane	7.14	83	157574	4.897	ug/L	97
39) cis-1,3-Dichloropropene	7.65	75	179470	4.972	ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	793359	51.662	ug/L	99
42) Toluene	8.00	91	501924	5.009	ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	152250	5.332	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	84806	4.708	ug/L	100
47) Tetrachloroethene	8.58	164	95620	4.829	ug/L	99
48) 2-Hexanone	8.73	43	550145	53.269	ug/L	96
49) Dibromochloromethane	8.84	129	103791	4.924	ug/L	96
50) 1,2-Dibromoethane	8.96	107	82272	4.915	ug/L	95
51) Chlorobenzene	9.48	112	316288	5.009	ug/L	98
52) Ethylbenzene	9.60	91	533745	5.099	ug/L	99
53) m,p-Xylene	9.72	106	204061	5.339	ug/L	100
54) o-Xylene	10.13	106	196026	5.264	ug/L	98
55) Styrene	10.14	104	327031	5.377	ug/L	100
56) Isopropylbenzene	10.51	105	515310	5.299	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	114675	4.868	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	80712	4.856	ug/L	98
61) Bromoform	10.32	173	60275	4.424	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	241467	5.042	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	237410	4.982	ug/L	97
65) 1,2-Dichlorobenzene	12.24	146	221500	4.814	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	15250	4.937	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	165861	5.607	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	101742	6.185	ug/L	98
69) Naphthalene	14.11	128	130239	5.799	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	98924	6.036	ug/L	98

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

