

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035390.D
 Acq On : 23 Oct 2019 02:15
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00510

Quant Time: Oct 23 08:10:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 08:02:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	238447	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	235899	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	108802	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	60555	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.93	69	60633	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.60	63	128013	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.20%
20) 2-Butanone-d5	4.70	46	239627	57.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.70%
24) Chloroform-d	5.11	84	140322	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.75	65	75235	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.77	84	242358	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.73	67	86178	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.93	98	218710	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	8.21	79	32486	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.68	63	183233	49.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.96%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	83968	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	86053	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	113565	5.596	ug/L 98
3) Chloromethane	1.54	50	116881	5.806	ug/L 100
5) Vinyl chloride	1.62	62	121808	5.892	ug/L 97
6) Bromomethane	1.87	94	72536	5.942	ug/L 99
8) Chloroethane	1.95	64	75413	5.657	ug/L 99
9) Trichlorofluoromethane	2.16	101	157211	5.696	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	90146	5.669	ug/L 94
12) 1,1-Dichloroethene	2.61	96	83245	5.434	ug/L 85
13) Acetone	2.67	43	168513	57.981	ug/L 100
14) Carbon disulfide	2.82	76	261887	5.406	ug/L 99
15) Methyl Acetate	3.00	43	39235	5.418	ug/L 100
16) Methylene chloride	3.08	84	100566	5.457	ug/L 99
17) Methyl tert-butyl Ether	3.43	73	207012	5.021	ug/L 98
18) trans-1,2-Dichloroethene	3.39	96	89437	5.410	ug/L 93
19) 1,1-Dichloroethane	3.92	63	177537	5.938	ug/L 99
21) 2-Butanone	4.78	43	248710	52.503	ug/L 98
22) cis-1,2-Dichloroethene	4.72	96	101069	5.531	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	44461	5.652	ug/L	92
25) Chloroform	5.14	83	184797	5.633	ug/L	100
27) 1,2-Dichloroethane	5.84	62	111557	5.545	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	149379	5.406	ug/L	99
30) Cyclohexane	5.43	56	140076	4.733	ug/L	98
31) Carbon tetrachloride	5.57	117	129841	5.218	ug/L	100
33) Benzene	5.82	78	388484	5.597	ug/L	100
34) Trichloroethene	6.58	95	99326	5.323	ug/L	99
35) Methylcyclohexane	6.80	83	143689	4.607	ug/L	97
37) 1,2-Dichloropropane	6.84	63	101293	5.749	ug/L	99
38) Bromodichloromethane	7.15	83	130462	5.496	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	139466	4.729	ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	612236	51.471	ug/L	98
42) Toluene	8.01	91	416164	5.432	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	112674	4.675	ug/L	98
45) 1,1,2-Trichloroethane	8.44	97	72447	5.538	ug/L	99
47) Tetrachloroethene	8.58	164	78252	5.034	ug/L	99
48) 2-Hexanone	8.73	43	446671	53.545	ug/L	96
49) Dibromochloromethane	8.84	129	85417	5.150	ug/L	96
50) 1,2-Dibromoethane	8.96	107	69050	5.280	ug/L	100
51) Chlorobenzene	9.48	112	257847	5.212	ug/L	99
52) Ethylbenzene	9.60	91	431266	4.950	ug/L	100
53) m,p-Xylene	9.72	106	158872	4.829	ug/L	98
54) o-Xylene	10.13	106	159575	4.970	ug/L	99
55) Styrene	10.14	104	267134	5.110	ug/L	99
56) Isopropylbenzene	10.51	105	415820	4.814	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	93943	5.580	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	67069	5.463	ug/L	99
61) Bromoform	10.32	173	49781	4.940	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	191171	5.149	ug/L	98
63) 1,4-Dichlorobenzene	11.87	146	186132	5.099	ug/L	97
65) 1,2-Dichlorobenzene	12.24	146	180277	5.169	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	11520	4.676	ug/L	92
67) 1,3,5-Trichlorobenzene	13.25	180	103813	4.512	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	65677	4.288	ug/L	97
69) Naphthalene	14.11	128	82624	3.930	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	66872	4.669	ug/L	99

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

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