

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122619\
 Data File : VU036344.D
 Acq On : 26 Dec 2019 10:20
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00528

Quant Time: Dec 26 15:38:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 24 13:38:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	276472	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	292626	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	152704	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	106613	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.93	69	102537	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.59	63	166315	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.80%
20) 2-Butanone-d5	4.69	46	263839	57.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.68%
24) Chloroform-d	5.11	84	204018	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.74	65	103390	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.77	84	360992	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.73	67	117719	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.93	98	328227	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	8.21	79	48041	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.67	63	215248	59.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.06%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	111379	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	135340	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	126632	4.104	ug/L 97
3) Chloromethane	1.54	50	140080	3.618	ug/L 99
5) Vinyl chloride	1.62	62	146980	4.001	ug/L 97
6) Bromomethane	1.87	94	93813	5.110	ug/L 98
8) Chloroethane	1.95	64	87533	3.990	ug/L 98
9) Trichlorofluoromethane	2.16	101	195633	4.226	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	100209	4.518	ug/L 99
12) 1,1-Dichloroethene	2.61	96	91117	4.443	ug/L 93
13) Acetone	2.67	43	182780	45.981	ug/L 96
14) Carbon disulfide	2.82	76	292667	4.253	ug/L 99
15) Methyl Acetate	2.99	43	40391	5.029	ug/L 97
16) Methylene chloride	3.08	84	112483	3.731	ug/L 95
17) Methyl tert-butyl Ether	3.41	73	213907	4.866	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	98451	4.583	ug/L 97
19) 1,1-Dichloroethane	3.92	63	192507	4.854	ug/L 98
21) 2-Butanone	4.76	43	270939	51.007	ug/L 100
22) cis-1,2-Dichloroethene	4.71	96	109174	4.738	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	52874	4.743	ug/L	90
25) Chloroform	5.13	83	203729	4.749	ug/L	95
27) 1,2-Dichloroethane	5.84	62	127452	5.009	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	172930	4.800	ug/L	99
30) Cyclohexane	5.43	56	138818	4.529	ug/L	95
31) Carbon tetrachloride	5.56	117	151951	4.626	ug/L	100
33) Benzene	5.82	78	438907	4.880	ug/L	100
34) Trichloroethene	6.58	95	106565	4.596	ug/L	98
35) Methylcyclohexane	6.80	83	146835	4.454	ug/L	98
37) 1,2-Dichloropropane	6.83	63	112217	4.891	ug/L	99
38) Bromodichloromethane	7.14	83	142962	4.788	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	148962	4.765	ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	630365	52.526	ug/L	99
42) Toluene	8.00	91	470047	4.876	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	129644	4.937	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	83233	4.841	ug/L	93
47) Tetrachloroethene	8.58	164	93432	4.462	ug/L	96
48) 2-Hexanone	8.72	43	457835	51.119	ug/L	96
49) Dibromochloromethane	8.84	129	104226	4.905	ug/L	99
50) 1,2-Dibromoethane	8.95	107	77570	4.731	ug/L #	97
51) Chlorobenzene	9.47	112	291859	4.585	ug/L	99
52) Ethylbenzene	9.60	91	450244	4.650	ug/L	99
53) m,p-Xylene	9.72	106	178949	4.797	ug/L	98
54) o-Xylene	10.13	106	171066	4.755	ug/L	92
55) Styrene	10.14	104	299193	4.699	ug/L	99
56) Isopropylbenzene	10.51	105	440256	4.765	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	107575	4.915	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	76236	4.999	ug/L	99
61) Bromoform	10.32	173	63913	4.821	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	244958	4.755	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	244761	4.790	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	235674	4.801	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	16383	5.025	ug/L	93
67) 1,3,5-Trichlorobenzene	13.24	180	182599	4.730	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	121776	4.802	ug/L	97
69) Naphthalene	14.10	128	148237	4.595	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	120327	4.906	ug/L	99

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

