

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101520\
 Data File : VU040736.D
 Acq On : 15 Oct 2020 21:20
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00512

Quant Time: Oct 16 04:35:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 16 04:23:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120629	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121375	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	67257	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	44751	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.92	69	38001	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.58	63	94206	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	4.66	46	170082	53.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.34%
24) Chloroform-d	5.08	84	96600	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
26) 1,2-Dichloroethane-d4	5.72	65	56182	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.74	84	175917	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	6.70	67	57511	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.91	98	159726	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
43) trans-1,3-Dichloropropene-	8.19	79	23239	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.64	63	127299	53.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.32%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52803	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	62612	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	51108	4.676	ug/L	100
3) Chloromethane	1.53	50	44887	4.392	ug/L	98
5) Vinyl chloride	1.61	62	49508	4.599	ug/L #	80
6) Bromomethane	1.87	94	18664	3.193	ug/L	91
8) Chloroethane	1.94	64	32501	4.742	ug/L	95
9) Trichlorofluoromethane	2.15	101	76065	4.921	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	49958	4.979	ug/L	97
12) 1,1-Dichloroethene	2.59	96	41935	4.872	ug/L	94
13) Acetone	2.66	43	114484	46.175	ug/L	96
14) Carbon disulfide	2.81	76	103493	4.295	ug/L	100
15) Methyl Acetate	2.97	43	27198	4.804	ug/L	100
16) Methylene chloride	3.06	84	53146	4.809	ug/L	99
17) Methyl tert-butyl Ether	3.38	73	118030	4.850	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	43896	4.872	ug/L	100
19) 1,1-Dichloroethane	3.89	63	97102	5.211	ug/L	98
21) 2-Butanone	4.73	43	190182	49.200	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	52290	5.382	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	24386	5.052	ug/L	95
25) Chloroform	5.11	83	102144	5.369	ug/L	100
27) 1,2-Dichloroethane	5.81	62	69084	5.131	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	83936	5.146	ug/L	99
30) Cyclohexane	5.40	56	67456	4.488	ug/L	100
31) Carbon tetrachloride	5.54	117	72052	5.162	ug/L	97
33) Benzene	5.79	78	195663	5.018	ug/L	100
34) Trichloroethene	6.55	95	50109	4.957	ug/L	93
35) Methylcyclohexane	6.77	83	62484	4.359	ug/L	99
37) 1,2-Dichloropropane	6.80	63	56095	5.163	ug/L	100
38) Bromodichloromethane	7.11	83	73256	5.275	ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	71625	4.825	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	445638	51.447	ug/L	99
42) Toluene	7.98	91	211782	5.330	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	67646	4.950	ug/L	98
45) 1,1,2-Trichloroethane	8.41	97	42363	5.206	ug/L	96
47) Tetrachloroethene	8.56	164	36945	5.123	ug/L	95
48) 2-Hexanone	8.69	43	335117	51.964	ug/L	98
49) Dibromochloromethane	8.81	129	50478	5.391	ug/L	99
50) 1,2-Dibromoethane	8.93	107	39563	5.126	ug/L	97
51) Chlorobenzene	9.45	112	133098	5.085	ug/L	99
52) Ethylbenzene	9.57	91	214510	4.988	ug/L	98
53) m,p-Xylene	9.70	106	81817	5.220	ug/L	97
54) o-Xylene	10.10	106	77051	5.112	ug/L	99
55) Styrene	10.11	104	143714	5.490	ug/L	99
56) Isopropylbenzene	10.48	105	212076	5.226	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	55928	5.235	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	41921	5.253	ug/L	97
61) Bromoform	10.29	173	27891	4.838	ug/L	96
62) 1,3-Dichlorobenzene	11.74	146	112038	5.090	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	113195	4.987	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	107597	5.000	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	9247	4.907	ug/L	98
67) 1,3,5-Trichlorobenzene	13.21	180	73694	4.718	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	58948	4.885	ug/L	96
69) Naphthalene	14.08	128	88819	4.499	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	56567	5.048	ug/L	99

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

