

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101620\
 Data File : VU040760.D
 Acq On : 16 Oct 2020 20:10
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00514

Quant Time: Oct 16 23:43:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 16 23:38:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127585	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128686	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	69178	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	37717	3.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.40%
7) Chloroethane-d5	1.92	69	36545	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.58	63	86656	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.80%
20) 2-Butanone-d5	4.66	46	189726	56.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.16%
24) Chloroform-d	5.08	84	92742	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.72	65	58000	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.74	84	162796	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.70	67	57302	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.91	98	145832	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	8.19	79	23184	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.64	63	136885	54.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	55874	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	60866	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	51881	4.488 ug/L	99
3) Chloromethane	1.53	50	45704	4.228 ug/L	99
5) Vinyl chloride	1.61	62	50723	4.455 ug/L	88
6) Bromomethane	1.87	94	20740	3.355 ug/L	99
8) Chloroethane	1.94	64	33945	4.683 ug/L	94
9) Trichlorofluoromethane	2.15	101	79741	4.878 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	52998	4.994 ug/L	97
12) 1,1-Dichloroethene	2.59	96	45148	4.959 ug/L	96
13) Acetone	2.68	43	123852	47.230 ug/L	99
14) Carbon disulfide	2.81	76	105138	4.126 ug/L	97
15) Methyl Acetate	2.97	43	28193	4.708 ug/L	99
16) Methylene chloride	3.06	84	54350	4.650 ug/L	95
17) Methyl tert-butyl Ether	3.38	73	127470	4.952 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	44926	4.714 ug/L	96
19) 1,1-Dichloroethane	3.89	63	100456	5.097 ug/L	98
21) 2-Butanone	4.74	43	201569	49.303 ug/L	95
22) cis-1,2-Dichloroethene	4.69	96	50911	4.954 ug/L	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	26837	5.257	ug/L	98
25) Chloroform	5.11	83	106350	5.285	ug/L	98
27) 1,2-Dichloroethane	5.81	62	73145	5.136	ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	86811	5.020	ug/L	99
30) Cyclohexane	5.40	56	68675	4.310	ug/L	98
31) Carbon tetrachloride	5.54	117	75493	5.101	ug/L	99
33) Benzene	5.79	78	204832	4.954	ug/L	100
34) Trichloroethene	6.56	95	51012	4.760	ug/L	100
35) Methylcyclohexane	6.78	83	65960	4.340	ug/L	99
37) 1,2-Dichloropropane	6.80	63	58491	5.078	ug/L	99
38) Bromodichloromethane	7.11	83	76987	5.228	ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	76471	4.859	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	470917	51.277	ug/L	99
42) Toluene	7.98	91	217443	5.161	ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	72069	4.974	ug/L	97
45) 1,1,2-Trichloroethane	8.41	97	43510	5.043	ug/L	97
47) Tetrachloroethene	8.56	164	38592	5.048	ug/L	94
48) 2-Hexanone	8.69	43	361547	52.877	ug/L	100
49) Dibromochloromethane	8.82	129	53497	5.389	ug/L	97
50) 1,2-Dibromoethane	8.93	107	40650	4.967	ug/L	99
51) Chlorobenzene	9.45	112	139916	5.042	ug/L	98
52) Ethylbenzene	9.57	91	225770	4.952	ug/L	100
53) m,p-Xylene	9.70	106	84651	5.094	ug/L	99
54) o-Xylene	10.10	106	81590	5.105	ug/L	94
55) Styrene	10.11	104	151920	5.474	ug/L	100
56) Isopropylbenzene	10.48	105	222978	5.183	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	58490	5.164	ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	42609	5.036	ug/L	99
61) Bromoform	10.29	173	29813	5.027	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	114188	5.043	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	116204	4.977	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	109002	4.924	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	9610	4.958	ug/L	97
67) 1,3,5-Trichlorobenzene	13.21	180	76232	4.745	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	60467	4.871	ug/L	99
69) Naphthalene	14.08	128	94865	4.672	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	57905	5.024	ug/L	100

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

