

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061620\
 Data File : VU038934.D
 Acq On : 16 Jun 2020 19:21
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00527

Quant Time: Jun 17 02:04:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 17 02:00:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	294640	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	292918	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	153583	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	64934	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.93	69	72208	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.59	63	156084	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.60%
20) 2-Butanone-d5	4.68	46	213016	40.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.18%
24) Chloroform-d	5.10	84	164069	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.74	65	91306	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.76	84	301516	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.72	67	97268	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.92	98	277498	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.20	79	50480	5.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.40%
46) 2-Hexanone-d5	8.66	63	305409	68.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.92%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	90071	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	109750	4.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	113641	3.963	ug/L 99
3) Chloromethane	1.53	50	107102	4.477	ug/L 98
5) Vinyl chloride	1.62	62	110700	4.386	ug/L 97
6) Bromomethane	1.87	94	67133	4.331	ug/L 99
8) Chloroethane	1.95	64	90721	4.835	ug/L 99
9) Trichlorofluoromethane	2.16	101	193565	4.416	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	85059	3.912	ug/L 98
12) 1,1-Dichloroethene	2.60	96	89857	4.316	ug/L 96
13) Acetone	2.68	43	160399	36.889	ug/L 89
14) Carbon disulfide	2.82	76	286368	4.143	ug/L 99
15) Methyl Acetate	2.99	43	35803	3.375	ug/L # 89
16) Methylene chloride	3.08	84	107905	4.507	ug/L 93
17) Methyl tert-butyl Ether	3.40	73	233974	4.404	ug/L 99
18) trans-1,2-Dichloroethene	3.38	96	95367	4.324	ug/L 98
19) 1,1-Dichloroethane	3.91	63	183048	4.526	ug/L 98
21) 2-Butanone	4.76	43	265589	37.574	ug/L 96
22) cis-1,2-Dichloroethene	4.71	96	103719	4.496	ug/L 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061620\
 Data File : VU038934.D
 Acq On : 16 Jun 2020 19:21
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00527

Quant Time: Jun 17 02:04:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 17 02:00:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	49538	4.536	ug/L	99
25) Chloroform	5.12	83	188054	4.462	ug/L	97
27) 1,2-Dichloroethane	5.83	62	131351	4.391	ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	162824	4.487	ug/L	99
30) Cyclohexane	5.42	56	129274	3.955	ug/L	99
31) Carbon tetrachloride	5.56	117	130576	4.228	ug/L	99
33) Benzene	5.81	78	399957	4.597	ug/L	100
34) Trichloroethene	6.57	95	99369	4.374	ug/L	99
35) Methylcyclohexane	6.79	83	126271	3.731	ug/L	98
37) 1,2-Dichloropropane	6.82	63	104321	4.647	ug/L	100
38) Bromodichloromethane	7.13	83	135343	4.585	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	143035	4.455	ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	717366	46.845	ug/L	100
42) Toluene	7.99	91	407768	4.447	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	165626	5.640	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	92216	5.374	ug/L	99
47) Tetrachloroethene	8.57	164	86820	4.986	ug/L	96
48) 2-Hexanone	8.71	43	845171	69.619	ug/L	98
49) Dibromochloromethane	8.83	129	112164	5.633	ug/L	92
50) 1,2-Dibromoethane	8.94	107	93329	5.611	ug/L	99
51) Chlorobenzene	9.47	112	257827	4.321	ug/L	99
52) Ethylbenzene	9.59	91	422230	4.138	ug/L	99
53) m,p-Xylene	9.71	106	163809	4.273	ug/L	99
54) o-Xylene	10.12	106	160317	4.346	ug/L	99
55) Styrene	10.13	104	287069	4.480	ug/L	100
56) Isopropylbenzene	10.50	105	399823	4.174	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	99134	4.506	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	75281	4.351	ug/L	99
61) Bromoform	10.31	173	52543	4.488	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	209063	4.318	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	207352	4.227	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	201063	4.179	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	17768	4.170	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	147699	4.049	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	135848	4.446	ug/L	99
69) Naphthalene	14.11	128	290785	5.061	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	140555	4.916	ug/L	98

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

