

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081920\
 Data File : VU039910.D
 Acq On : 19 Aug 2020 16:23
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00525

Quant Time: Aug 20 08:17:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 20 08:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	75402	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	71265	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36743	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31471	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.92	69	26249	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.58	63	60122	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.40%
20) 2-Butanone-d5	4.67	46	95935	45.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.16%
24) Chloroform-d	5.08	84	56689	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.72	65	32076	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.74	84	110575	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.70	67	35277	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.91	98	98664	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
43) trans-1,3-Dichloropropene-	8.19	79	14445	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.64	63	73802	49.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.04%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29477	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	38419	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	37909	4.837 ug/L	98
3) Chloromethane	1.53	50	40955	4.619 ug/L	96
5) Vinyl chloride	1.61	62	41881	4.992 ug/L	98
6) Bromomethane	1.87	94	23286	4.862 ug/L	99
8) Chloroethane	1.94	64	24845	4.631 ug/L	99
9) Trichlorofluoromethane	2.15	101	63597	5.068 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	33245	4.816 ug/L	98
12) 1,1-Dichloroethene	2.59	96	30737	4.661 ug/L	92
13) Acetone	2.67	43	61200	42.552 ug/L	93
14) Carbon disulfide	2.81	76	104770	4.916 ug/L	100
15) Methyl Acetate	2.97	43	15254	4.132 ug/L #	90
16) Methylene chloride	3.06	84	37517	4.137 ug/L	91
17) Methyl tert-butyl Ether	3.39	73	79876	4.803 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	34543	5.044 ug/L	94
19) 1,1-Dichloroethane	3.89	63	61338	4.831 ug/L	98
21) 2-Butanone	4.75	43	103645	41.475 ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	34851	4.861 ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	15699	4.655	ug/L	95
25) Chloroform	5.11	83	62191	4.832	ug/L	99
27) 1,2-Dichloroethane	5.81	62	42950	4.756	ug/L	98
29) 1,1,1-Trichloroethane	5.34	97	53733	5.126	ug/L	99
30) Cyclohexane	5.41	56	56570	5.451	ug/L	97
31) Carbon tetrachloride	5.54	117	48278	5.216	ug/L	98
33) Benzene	5.79	78	137720	5.318	ug/L	100
34) Trichloroethene	6.56	95	34692	5.162	ug/L	94
35) Methylcyclohexane	6.78	83	56384	5.476	ug/L	98
37) 1,2-Dichloropropane	6.80	63	36280	5.271	ug/L #	96
38) Bromodichloromethane	7.12	83	45474	5.199	ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	48959	5.090	ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	261536	47.984	ug/L	99
42) Toluene	7.98	91	142109	5.366	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	44346	4.906	ug/L	98
45) 1,1,2-Trichloroethane	8.41	97	26531	5.073	ug/L	99
47) Tetrachloroethene	8.56	164	26531	5.351	ug/L	93
48) 2-Hexanone	8.69	43	190308	48.723	ug/L	100
49) Dibromochloromethane	8.81	129	30667	4.912	ug/L	99
50) 1,2-Dibromoethane	8.93	107	25676	5.156	ug/L #	93
51) Chlorobenzene	9.45	112	91855	5.311	ug/L	96
52) Ethylbenzene	9.57	91	151655	5.264	ug/L	99
53) m,p-Xylene	9.69	106	60132	5.437	ug/L	91
54) o-Xylene	10.10	106	55835	5.341	ug/L	98
55) Styrene	10.11	104	97159	5.362	ug/L	99
56) Isopropylbenzene	10.48	105	149309	5.329	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	30387	4.500	ug/L	94
59) 1,2,3-Trichloropropane	10.82	75	23078	4.680	ug/L	96
61) Bromoform	10.29	173	16868	5.212	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	72624	5.338	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	72327	5.222	ug/L	93
65) 1,2-Dichlorobenzene	12.20	146	68704	5.233	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	5349	4.982	ug/L #	79
67) 1,3,5-Trichlorobenzene	13.21	180	51396	5.087	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	45942	5.331	ug/L	98
69) Naphthalene	14.08	128	82982	5.212	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	41325	5.131	ug/L	96

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

