

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080620\
 Data File : VU039773.D
 Acq On : 07 Aug 2020 00:09
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00512

Quant Time: Aug 07 04:32:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 07 04:28:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	86300	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	84521	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43575	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23610	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.92	69	21610	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.58	63	47681	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.60%
20) 2-Butanone-d5	4.66	46	96195	46.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.86%
24) Chloroform-d	5.09	84	54351	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.72	65	31211	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.75	84	94747	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.70	67	33082	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.91	98	79929	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.19	79	9905	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	8.64	63	66697	46.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.36%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29623	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	34846	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	32422	4.659	ug/L	99
3) Chloromethane	1.53	50	30245	4.133	ug/L	93
5) Vinyl chloride	1.61	62	33538	4.780	ug/L	98
6) Bromomethane	1.86	94	10955	2.467	ug/L	99
8) Chloroethane	1.94	64	21107	4.102	ug/L	93
9) Trichlorofluoromethane	2.15	101	51677	4.736	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	27842	4.702	ug/L	96
12) 1,1-Dichloroethene	2.59	96	27405	5.324	ug/L	96
13) Acetone	2.67	43	51159	42.339	ug/L	58
14) Carbon disulfide	2.81	76	77968	4.844	ug/L	98
15) Methyl Acetate	2.98	43	13688	4.593	ug/L	98
16) Methylene chloride	3.06	84	29311	3.532	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	62963	4.606	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	26426	4.611	ug/L	92
19) 1,1-Dichloroethane	3.89	63	51098	4.829	ug/L	97
21) 2-Butanone	4.75	43	89882	47.202	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	35589	5.709	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080620\
 Data File : VU039773.D
 Acq On : 07 Aug 2020 00:09
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00512

Quant Time: Aug 07 04:32:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 07 04:28:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	14026	4.790	ug/L	99
25) Chloroform	5.11	83	52399	4.607	ug/L	93
27) 1,2-Dichloroethane	5.81	62	35784	4.565	ug/L	97
29) 1,1,1-Trichloroethane	5.34	97	44202	4.688	ug/L	98
30) Cyclohexane	5.40	56	42342	4.667	ug/L	98
31) Carbon tetrachloride	5.54	117	40447	4.676	ug/L	100
33) Benzene	5.79	78	110589	4.802	ug/L	100
34) Trichloroethene	6.56	95	28392	4.747	ug/L	97
35) Methylcyclohexane	6.77	83	41447	4.342	ug/L	98
37) 1,2-Dichloropropane	6.80	63	29018	4.744	ug/L	100
38) Bromodichloromethane	7.12	83	37171	4.645	ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	31740	3.805	ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	210634	46.083	ug/L	99
42) Toluene	7.98	91	114645	4.737	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	28021	3.729	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	21852	4.750	ug/L	95
47) Tetrachloroethene	8.56	164	21805	4.420	ug/L	96
48) 2-Hexanone	8.69	43	152161	46.101	ug/L	98
49) Dibromochloromethane	8.82	129	25877	4.583	ug/L	99
50) 1,2-Dibromoethane	8.93	107	21425	4.749	ug/L	98
51) Chlorobenzene	9.45	112	74499	4.581	ug/L	95
52) Ethylbenzene	9.57	91	120250	4.440	ug/L	99
53) m,p-Xylene	9.69	106	48549	4.707	ug/L	98
54) o-Xylene	10.10	106	46297	4.584	ug/L	91
55) Styrene	10.11	104	79250	4.660	ug/L	96
56) Isopropylbenzene	10.48	105	115704	4.287	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	27207	4.298	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	20446	4.634	ug/L	99
61) Bromoform	10.29	173	13887	4.717	ug/L	93
62) 1,3-Dichlorobenzene	11.74	146	60235	4.723	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	58630	4.361	ug/L	96
65) 1,2-Dichlorobenzene	12.21	146	57532	4.579	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	4392	4.624	ug/L	94
67) 1,3,5-Trichlorobenzene	13.21	180	41060	4.248	ug/L	96
68) 1,2,4-trichlorobenzene	13.83	180	34803	4.297	ug/L	99
69) Naphthalene	14.08	128	65711	4.537	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	33735	4.642	ug/L	97

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

