

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112320\
 Data File : VU041407.D
 Acq On : 23 Nov 2020 23:25
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00510

Quant Time: Nov 24 01:57:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 24 01:52:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	67384	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	70848	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37913	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21175	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.92	69	16503	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.58	63	51846	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.60%
20) 2-Butanone-d5	4.66	46	69912	57.94	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.88%
24) Chloroform-d	5.08	84	47872	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.72	65	30087	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.74	84	77476	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.70	67	27973	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.90	98	84462	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	8.19	79	12869	5.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.80%
46) 2-Hexanone-d5	8.64	63	50262	61.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.70%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25886	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	31286	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	35877	5.511	ug/L	98
3) Chloromethane	1.52	50	26986	4.875	ug/L	97
5) Vinyl chloride	1.61	62	28963	4.919	ug/L	96
6) Bromomethane	1.86	94	8606	3.875	ug/L	97
8) Chloroethane	1.94	64	17652	5.288	ug/L	95
9) Trichlorofluoromethane	2.15	101	51375	5.634	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	26525	5.647	ug/L	97
12) 1,1-Dichloroethene	2.59	96	24834	5.985	ug/L	90
13) Acetone	2.68	43	57482	70.495	ug/L	99
14) Carbon disulfide	2.81	76	80768	5.573	ug/L	99
15) Methyl Acetate	2.97	43	14007	7.291	ug/L	99
16) Methylene chloride	3.06	84	38745	6.534	ug/L	99
17) Methyl tert-butyl Ether	3.38	73	56260	5.445	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	24425	5.428	ug/L	98
19) 1,1-Dichloroethane	3.89	63	48648	5.434	ug/L	96
21) 2-Butanone	4.74	43	78911	60.930	ug/L	100
22) cis-1,2-Dichloroethene	4.68	96	24323	5.083	ug/L	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112320\
 Data File : VU041407.D
 Acq On : 23 Nov 2020 23:25
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00510

Quant Time: Nov 24 01:57:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 24 01:52:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	12558	5.942	ug/L	96
25) Chloroform	5.11	83	50876	5.172	ug/L	96
27) 1,2-Dichloroethane	5.81	62	37435	5.845	ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	46687	5.274	ug/L	99
30) Cyclohexane	5.40	56	35279	4.674	ug/L	96
31) Carbon tetrachloride	5.54	117	42201	5.297	ug/L	98
33) Benzene	5.79	78	92888	4.888	ug/L	100
34) Trichloroethene	6.55	95	27208	5.257	ug/L	97
35) Methylcyclohexane	6.77	83	37742	5.001	ug/L	98
37) 1,2-Dichloropropane	6.80	63	28518	5.470	ug/L	99
38) Bromodichloromethane	7.11	83	38847	5.502	ug/L	94
39) cis-1,3-Dichloropropene	7.61	75	37711	5.240	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	205244	64.157	ug/L	99
42) Toluene	7.97	91	111260	5.491	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	37024	5.638	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	21128	5.912	ug/L	96
47) Tetrachloroethene	8.56	164	20533	5.299	ug/L	97
48) 2-Hexanone	8.69	43	158169	67.394	ug/L	98
49) Dibromochloromethane	8.81	129	26209	5.759	ug/L	99
50) 1,2-Dibromoethane	8.92	107	20614	6.032	ug/L #	98
51) Chlorobenzene	9.45	112	70379	5.366	ug/L	95
52) Ethylbenzene	9.57	91	114866	5.303	ug/L	99
53) m,p-Xylene	9.69	106	43295	5.458	ug/L	99
54) o-Xylene	10.10	106	40873	5.349	ug/L	93
55) Styrene	10.11	104	73290	5.747	ug/L	98
56) Isopropylbenzene	10.48	105	114357	5.573	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	26922	6.055	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	21673	6.363	ug/L	99
61) Bromoform	10.29	173	15502	5.799	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	57501	5.245	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	56752	5.235	ug/L	100
65) 1,2-Dichlorobenzene	12.20	146	53776	5.302	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.99	75	4499	5.660	ug/L	86
67) 1,3,5-Trichlorobenzene	13.21	180	39818	5.167	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	30735	5.081	ug/L	98
69) Naphthalene	14.08	128	46739	4.918	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	29423	5.323	ug/L	98

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

