

Data File : VU037358.D
Acq On : 20 Mar 2020 21:01
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00515

Quant Time: Mar 21 00:42:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 21 00:40:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	146426	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	143367	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	73068	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	47609	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.93	69	39565	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.59	63	89949	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.60%
20) 2-Butanone-d5	4.68	46	118638	51.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.98%
24) Chloroform-d	5.11	84	100411	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.74	65	55985	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.76	84	175004	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.72	67	55159	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.93	98	171984	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	8.20	79	25703	5.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.80%
46) 2-Hexanone-d5	8.66	63	103617	55.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.82%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	48286	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	65659	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	74902	4.610	ug/L 100
3) Chloromethane	1.53	50	76487	4.668	ug/L 99
5) Vinyl chloride	1.62	62	70012	4.826	ug/L 97
6) Bromomethane	1.87	94	30660	5.269	ug/L 98
8) Chloroethane	1.95	64	38663	4.808	ug/L 97
9) Trichlorofluoromethane	2.16	101	102325	4.642	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	48096	4.707	ug/L 98
12) 1,1-Dichloroethene	2.60	96	44754	4.728	ug/L 94
13) Acetone	2.67	43	79625	49.235	ug/L 93
14) Carbon disulfide	2.82	76	152823	4.682	ug/L 99
15) Methyl Acetate	2.99	43	21071	4.936	ug/L 94
16) Methylene chloride	3.08	84	51362	4.915	ug/L 99
17) Methyl tert-butyl Ether	3.40	73	124517	4.976	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	47707	4.744	ug/L 98
19) 1,1-Dichloroethane	3.91	63	95433	4.939	ug/L 99
21) 2-Butanone	4.76	43	139235	50.834	ug/L 98
22) cis-1,2-Dichloroethene	4.71	96	51862	4.730	ug/L 97

Data File : VU037358.D
Acq On : 20 Mar 2020 21:01
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00515

Quant Time: Mar 21 00:42:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 21 00:40:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	25569	5.076	ug/L	94
25) Chloroform	5.13	83	104599	4.867	ug/L	99
27) 1,2-Dichloroethane	5.83	62	74767	5.109	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	95134	4.965	ug/L	99
30) Cyclohexane	5.42	56	79134	4.861	ug/L	98
31) Carbon tetrachloride	5.56	117	80386	4.838	ug/L	99
33) Benzene	5.81	78	203011	4.954	ug/L	100
34) Trichloroethene	6.57	95	54678	4.855	ug/L	98
35) Methylcyclohexane	6.79	83	79033	4.737	ug/L	97
37) 1,2-Dichloropropane	6.83	63	54173	5.047	ug/L	98
38) Bromodichloromethane	7.14	83	74158	5.035	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	81286	5.111	ug/L	97
40) 4-Methyl-2-pentanone	7.83	43	348935	51.846	ug/L	99
42) Toluene	8.00	91	222084	5.009	ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	74845	5.150	ug/L	96
45) 1,1,2-Trichloroethane	8.43	97	39447	5.111	ug/L	95
47) Tetrachloroethene	8.58	164	42640	4.681	ug/L	95
48) 2-Hexanone	8.71	43	261696	54.571	ug/L	98
49) Dibromochloromethane	8.84	129	50972	5.048	ug/L	99
50) 1,2-Dibromoethane	8.95	107	38249	5.048	ug/L	98
51) Chlorobenzene	9.47	112	138115	4.807	ug/L	98
52) Ethylbenzene	9.59	91	240627	4.862	ug/L	100
53) m,p-Xylene	9.71	106	91292	5.056	ug/L	98
54) o-Xylene	10.12	106	87889	4.982	ug/L	96
55) Styrene	10.13	104	151347	5.148	ug/L	100
56) Isopropylbenzene	10.50	105	239796	4.928	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	49715	5.125	ug/L	95
59) 1,2,3-Trichloropropane	10.84	75	37729	5.242	ug/L	97
61) Bromoform	10.31	173	30498	4.972	ug/L	96
62) 1,3-Dichlorobenzene	11.76	146	111586	4.801	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	113081	4.813	ug/L	95
65) 1,2-Dichlorobenzene	12.23	146	109026	4.883	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	8450	4.921	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	83002	4.822	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	62840	4.983	ug/L	97
69) Naphthalene	14.12	128	83651	4.833	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	60548	5.079	ug/L	95

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

Data File : VU037358.D

```
Acq On       : 20 Mar 2020   21:01
Operator     : JC/MD
Sample       : VSTDCCC005EC
Misc         : 25.0mL/MSVOA_U/WATER
ALS Vial     : 17      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
VSTD00515

Quant Time: Mar 21 00:42:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 21 00:40:26 2020
Response via : Initial Calibration

