

Data File : VU030531.D
Acq On : 29 Mar 2019 09:03
Operator : JC/SP
Sample : VSTD0.501
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.501

Manual Integrations
APPROVED

MMDadoda
3/30/2019 10:36:40 AM

Quant Time: Mar 30 00:12:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 30 00:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	239547	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	219196	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92740	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	8753	0.48	ug/L	0.00
7) Chloroethane-d5	1.68	69	6856	0.46	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	17645	0.47	ug/L	0.00
20) 2-Butanone-d5	4.22	46	20274	4.30	ug/L	0.00
24) Chloroform-d	4.64	84	14643	0.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	8053	0.49	ug/L	0.00
32) Benzene-d6	5.34	84	28812	0.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	9447	0.49	ug/L	0.00
41) Toluene-d8	7.56	98	24255	0.47	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	3520	0.49	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	11119	3.56	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	6568	0.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	7768	0.50	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	12796	0.479 ug/L	100
3) Chloromethane	1.33	50	16192	0.518 ug/L	98
5) Vinyl chloride	1.40	62	13247	0.462 ug/L	96
6) Bromomethane	1.63	94	6758	0.482 ug/L	92
8) Chloroethane	1.70	64	8630	0.529 ug/L	95
9) Trichlorofluoromethane	1.89	101	14581	0.449 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	8144	0.451 ug/L	98
12) 1,1-Dichloroethene	2.29	96	8397	0.480 ug/L	89
13) Acetone	2.36	43	16877m	4.540 ug/L	
14) Carbon disulfide	2.48	76	29387	0.479 ug/L	100
15) Methyl Acetate	2.63	43	3819	0.405 ug/L #	86
16) Methylene chloride	2.70	84	10974	0.539 ug/L	97
17) Methyl tert-butyl Ether	3.01	73	21699	0.464 ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	8840	0.479 ug/L	94
19) 1,1-Dichloroethane	3.45	63	18992	0.487 ug/L	97
21) 2-Butanone	4.32	43	24985m	4.267 ug/L	
22) cis-1,2-Dichloroethene	4.22	96	9805	0.498 ug/L	92
23) Bromochloromethane	4.55	128	3475	0.442 ug/L	97
25) Chloroform	4.67	83	16816	0.473 ug/L	96
27) 1,2-Dichloroethane	5.41	62	11232	0.486 ug/L #	92
29) 1,1,1-Trichloroethane	4.91	97	14307	0.512 ug/L	97
30) Cyclohexane	4.99	56	16936	0.502 ug/L	98
31) Carbon tetrachloride	5.13	117	11021	0.470 ug/L	95
33) Benzene	5.39	78	35734	0.482 ug/L	100
34) Trichloroethene	6.19	95	8747	0.471 ug/L	98
35) Methylcyclohexane	6.41	83	13449	0.454 ug/L	95
37) 1,2-Dichloropropane	6.43	63	10478	0.513 ug/L #	96
38) Bromodichloromethane	6.76	83	11649	0.489 ug/L	95
39) cis-1,3-Dichloropropene	7.27	75	12523	0.459 ug/L	97
40) 4-Methyl-2-pentanone	7.47	43	54745	4.301 ug/L	97

Data File : VU030531.D
Acq On : 29 Mar 2019 09:03
Operator : JC/SP
Sample : VSTD0.501
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.501

Manual Integrations
APPROVED

MMDadoda
3/30/2019 10:36:40 AM

Quant Time: Mar 30 00:12:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 30 00:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	32765	0.441	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	8837	0.418	ug/L	96
45) 1,1,2-Trichloroethane	8.07	97	5587	0.459	ug/L	93
47) Tetrachloroethene	8.22	164	6016	0.462	ug/L	96
48) 2-Hexanone	8.37	43	35746	4.053	ug/L	97
49) Dibromochloromethane	8.48	129	7155	0.492	ug/L	94
50) 1,2-Dibromoethane	8.59	107	5017	0.442	ug/L #	91
51) Chlorobenzene	9.12	112	23382	0.510	ug/L	96
52) Ethylbenzene	9.25	91	34720	0.438	ug/L	96
53) m,p-Xylene	9.37	106	11995	0.433	ug/L	97
54) o-Xylene	9.78	106	11175	0.411	ug/L	93
55) Styrene	9.79	104	17794	0.388	ug/L	95
56) Isopropylbenzene	10.16	105	29205	0.402	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	7619	0.471	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	5680	0.498	ug/L	97
61) Bromoform	9.95	173	3260	0.464	ug/L #	96
62) 1,3-Dichlorobenzene	11.42	146	14583	0.498	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	16625	0.542	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	15260	0.536	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.66	75	945	0.429	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	9889	0.453	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	6907	0.410	ug/L	98
69) Naphthalene	13.75	128	9392	0.347	ug/L #	91
70) 1,2,3-Trichlorobenzene	13.99	180	5758	0.366	ug/L	88

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

Data File : VU030531.D

```
Acq On       : 29 Mar 2019   09:03
Operator     : JC/SP
Sample       : VSTD0.501
Misc         : 25.0mL/MSV0A_U/WATER
ALS Vial     : 2      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.501

Manual Integrations
APPROVED

MMDadoda
3/30/2019 10:36:40 AM

Quant Time: Mar 30 00:12:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 30 00:04:40 2019
Response via : Initial Calibration

