

Data File : VU036551.D
Acq On : 24 Jan 2020 12:55
Operator : JC/MD
Sample : VSTD01006
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD010604

Quant Time: Jan 24 22:52:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 24 22:48:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	6.29	114	146641	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	135067	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	69620	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	84267	10.43	ug/L	0.00
7) Chloroethane-d5	1.93	69	77365	10.51	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	65	35599	10.65	ug/L	0.00
20) 2-Butanone-d5	4.69	46	203840	114.71	ug/L	0.00
24) Chloroform-d	5.11	84	160497	10.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	82094	10.60	ug/L	0.00
32) Benzene-d6	5.77	84	347368	10.87	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	106493	10.75	ug/L	0.00
41) Toluene-d8	7.93	98	335534	10.74	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	42885	10.73	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	206770	111.01	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.78	84	84523	10.63	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.21	152	123657	10.61	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	107386	10.168	ug/L	99
3) Chloromethane	1.54	50	110787	10.071	ug/L	98
5) Vinyl chloride	1.62	62	122862	10.033	ug/L	100
6) Bromomethane	1.87	94	73861	10.341	ug/L	98
8) Chloroethane	1.95	64	71151	9.980	ug/L	96
9) Trichlorofluoromethane	2.16	101	141571	9.936	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	88397	9.868	ug/L	97
12) 1,1-Dichloroethene	2.60	96	87182	9.973	ug/L	95
13) Acetone	2.67	43	128348	101.086	ug/L	99
14) Carbon disulfide	2.82	76	277512	10.152	ug/L	99
15) Methyl Acetate	2.99	43	33493	10.814	ug/L	97
16) Methylene chloride	3.08	84	97363	9.812	ug/L	99
17) Methyl tert-butyl Ether	3.41	73	219822	9.886	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	93343	9.925	ug/L	99
19) 1,1-Dichloroethane	3.92	63	164039	9.993	ug/L	99
21) 2-Butanone	4.76	43	219969	103.670	ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	103890	9.963	ug/L	100
23) Bromochloromethane	5.02	128	45516	10.051	ug/L	98
25) Chloroform	5.13	83	163170	10.040	ug/L	99
27) 1,2-Dichloroethane	5.84	62	99965	9.789	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	136328	10.357	ug/L	99
30) Cyclohexane	5.43	56	155147	10.270	ug/L	98
31) Carbon tetrachloride	5.57	117	117965	10.319	ug/L	99
33) Benzene	5.82	78	384175	10.304	ug/L	100
34) Trichloroethene	6.58	95	101762	10.218	ug/L	98
35) Methylcyclohexane	6.80	83	176506	10.363	ug/L	98
37) 1,2-Dichloropropane	6.83	63	95521	9.985	ug/L	100
38) Bromodichloromethane	7.14	83	118416	10.232	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	151322	10.473	ug/L	100
40) 4-Methyl-2-pentanone	7.83	43	535263	102.217	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
42) Toluene	8.00	91	422179	10.211	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	117895	10.501	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	70458	9.948	ug/L	96
47) Tetrachloroethene	8.58	164	83245	10.361	ug/L	97
48) 2-Hexanone	8.72	43	382526	103.441	ug/L	100
49) Dibromochloromethane	8.84	129	83097	10.366	ug/L	100
50) 1,2-Dibromoethane	8.95	107	69019	10.311	ug/L	100
51) Chlorobenzene	9.47	112	270490	10.185	ug/L	99
52) Ethylbenzene	9.60	91	464517	10.266	ug/L	100
53) m,p-Xylene	9.72	106	182097	10.278	ug/L	98
54) o-Xylene	10.12	106	178205	10.399	ug/L	100
55) Styrene	10.14	104	295514	10.349	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.81	83	87969	10.143	ug/L	98
59) Bromoform	10.32	173	47102	10.187	ug/L	100
60) Isopropylbenzene	10.51	105	462740	10.116	ug/L	99
61) 1,2,3-Trichloropropane	10.85	75	62261	9.961	ug/L	99
62) 1,3,5-Trimethylbenzene	11.11	105	402836	10.214	ug/L	100
63) 1,2,4-Trimethylbenzene	11.49	105	402010	10.188	ug/L	100
64) 1,3-Dichlorobenzene	11.77	146	219134	10.261	ug/L	99
65) 1,4-Dichlorobenzene	11.86	146	215579	10.222	ug/L	99
67) 1,2-Dichlorobenzene	12.23	146	206706	10.217	ug/L	99
68) 1,2-Dibromo-3-chloropropan	13.02	75	13471	9.985	ug/L	88
69) 1,3,5-Trichlorobenzene	13.24	180	172824	10.217	ug/L	100
70) 1,2,4-trichlorobenzene	13.86	180	134971	10.790	ug/L	99
71) Naphthalene	14.11	128	212271	11.683	ug/L	98
72) 1,2,3-Trichlorobenzene	14.35	180	121785	10.763	ug/L	99

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

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