

Data File : VU036548.D
Acq On : 24 Jan 2020 11:18
Operator : JC/MD
Sample : VSTD0.503
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5601

Quant Time: Jan 24 22:51:06 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	155848	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	145791	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	68504	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	4090	0.48	ug/L	0.00
7) Chloroethane-d5	1.93	69	3668	0.47	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	65	1610	0.45	ug/L	0.00
20) 2-Butanone-d5	4.70	46	7849	4.16	ug/L	0.00
24) Chloroform-d	5.11	84	7785	0.48	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	4128	0.50	ug/L	0.00
32) Benzene-d6	5.77	84	16521	0.48	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	4971	0.47	ug/L	0.00
41) Toluene-d8	7.93	98	15908	0.47	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	1857	0.43	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	8571	4.26	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.78	84	4287	0.50	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.21	152	6024	0.53	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	5791	0.516	ug/L	95
3) Chloromethane	1.53	50	6283	0.537	ug/L	97
5) Vinyl chloride	1.62	62	6391	0.491	ug/L	99
6) Bromomethane	1.87	94	3588	0.473	ug/L	99
8) Chloroethane	1.95	64	4816	0.636	ug/L	93
9) Trichlorofluoromethane	2.16	101	7542	0.498	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4463	0.469	ug/L	97
12) 1,1-Dichloroethene	2.60	96	4670	0.503	ug/L	96
13) Acetone	2.68	43	7392	5.478	ug/L	90
14) Carbon disulfide	2.82	76	14202	0.489	ug/L	100
15) Methyl Acetate	3.00	43	2023	0.615	ug/L #	69
16) Methylene chloride	3.08	84	9109	0.864	ug/L	98
17) Methyl tert-butyl Ether	3.42	73	11398	0.482	ug/L	96
18) trans-1,2-Dichloroethene	3.39	96	4939	0.494	ug/L	94
19) 1,1-Dichloroethane	3.92	63	8784	0.504	ug/L	99
21) 2-Butanone	4.78	43	10678	4.735	ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	5640	0.509	ug/L	98
23) Bromochloromethane	5.02	128	2061	0.428	ug/L	94
25) Chloroform	5.13	83	8449	0.489	ug/L	99
27) 1,2-Dichloroethane	5.84	62	5402	0.498	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	7244	0.510	ug/L	97
30) Cyclohexane	5.43	56	8302	0.509	ug/L	96
31) Carbon tetrachloride	5.56	117	6015	0.487	ug/L	96
33) Benzene	5.81	78	20073	0.499	ug/L	100
34) Trichloroethene	6.57	95	5243	0.488	ug/L	94
35) Methylcyclohexane	6.80	83	8776	0.477	ug/L	97
37) 1,2-Dichloropropane	6.83	63	4820	0.467	ug/L #	93
38) Bromodichloromethane	7.14	83	5856	0.469	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	7424	0.476	ug/L	98
40) 4-Methyl-2-pentanone	7.83	43	28301	5.007	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
42) Toluene	8.00	91	22608	0.507	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	5302	0.438	ug/L	84
45) 1,1,2-Trichloroethane	8.43	97	3659	0.479	ug/L	92
47) Tetrachloroethene	8.58	164	4237	0.489	ug/L	91
48) 2-Hexanone	8.73	43	18531	4.642	ug/L	100
49) Dibromochloromethane	8.84	129	3907	0.452	ug/L	97
50) 1,2-Dibromoethane	8.95	107	3547	0.491	ug/L #	95
51) Chlorobenzene	9.47	112	14312	0.499	ug/L	97
52) Ethylbenzene	9.60	91	23705	0.485	ug/L	99
53) m,p-Xylene	9.72	106	9061	0.474	ug/L	92
54) o-Xylene	10.12	106	9150	0.495	ug/L	98
55) Styrene	10.14	104	14382	0.467	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.81	83	4735	0.506	ug/L	94
59) Bromoform	10.32	173	2234	0.491	ug/L #	93
60) Isopropylbenzene	10.51	105	23261	0.517	ug/L	98
61) 1,2,3-Trichloropropane	10.85	75	3349	0.545	ug/L	97
62) 1,3,5-Trimethylbenzene	11.11	105	19505	0.503	ug/L	99
63) 1,2,4-Trimethylbenzene	11.49	105	19045	0.491	ug/L	98
64) 1,3-Dichlorobenzene	11.77	146	10640	0.506	ug/L	94
65) 1,4-Dichlorobenzene	11.86	146	11041	0.532	ug/L	97
67) 1,2-Dichlorobenzene	12.23	146	10664	0.536	ug/L	96
68) 1,2-Dibromo-3-chloropropan	13.01	75	617	0.465	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.24	180	7626	0.458	ug/L	99
70) 1,2,4-trichlorobenzene	13.86	180	4658	0.378	ug/L	97
71) Naphthalene	14.10	128	5113	0.286	ug/L	97
72) 1,2,3-Trichlorobenzene	14.35	180	4286	0.385	ug/L	96

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

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