

Data File : VU036552.D
Acq On : 24 Jan 2020 13:23
Operator : JC/MD
Sample : VSTD02001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD020605

Quant Time: Jan 24 22:53:30 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	145294	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	136516	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	69674	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	167883	20.97	ug/L	0.00
7) Chloroethane-d5	1.93	69	150322	20.62	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	65	70893	21.41	ug/L	0.00
20) 2-Butanone-d5	4.68	46	397982	226.05	ug/L	-0.01
24) Chloroform-d	5.11	84	323082	21.41	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	162405	21.17	ug/L	0.00
32) Benzene-d6	5.77	84	683974	21.18	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	210997	21.08	ug/L	0.00
41) Toluene-d8	7.93	98	672186	21.29	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	88436	21.89	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	410816	218.22	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.78	84	170695	21.25	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.21	152	250144	21.45	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	214687	20.517	ug/L	99
3) Chloromethane	1.54	50	221391	20.313	ug/L	99
5) Vinyl chloride	1.62	62	244970	20.190	ug/L	99
6) Bromomethane	1.87	94	145432	20.549	ug/L	98
8) Chloroethane	1.95	64	140237	19.852	ug/L	97
9) Trichlorofluoromethane	2.16	101	281409	19.933	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	176292	19.863	ug/L	97
12) 1,1-Dichloroethene	2.60	96	172644	19.933	ug/L	98
13) Acetone	2.67	43	244085	194.021	ug/L	100
14) Carbon disulfide	2.82	76	552441	20.396	ug/L	99
15) Methyl Acetate	2.99	43	64768	21.106	ug/L	99
16) Methylene chloride	3.08	84	191189	19.446	ug/L	99
17) Methyl tert-butyl Ether	3.41	73	440080	19.976	ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	188611	20.241	ug/L	98
19) 1,1-Dichloroethane	3.92	63	324243	19.936	ug/L	99
21) 2-Butanone	4.76	43	429046	204.081	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	209570	20.284	ug/L	97
23) Bromochloromethane	5.02	128	92270	20.565	ug/L	98
25) Chloroform	5.13	83	324249	20.136	ug/L	100
27) 1,2-Dichloroethane	5.84	62	202797	20.043	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	272640	20.492	ug/L	99
30) Cyclohexane	5.43	56	307946	20.169	ug/L	99
31) Carbon tetrachloride	5.57	117	236504	20.469	ug/L	99
33) Benzene	5.82	78	760817	20.189	ug/L	100
34) Trichloroethene	6.58	95	202555	20.123	ug/L	98
35) Methylcyclohexane	6.80	83	355002	20.622	ug/L	98
37) 1,2-Dichloropropane	6.83	63	190421	19.694	ug/L	100
38) Bromodichloromethane	7.14	83	235429	20.126	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	309074	21.165	ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	1062310	200.712	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
42) Toluene	8.00	91	840140	20.105	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	239512	21.108	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	138045	19.284	ug/L	97
47) Tetrachloroethene	8.58	164	164776	20.290	ug/L	99
48) 2-Hexanone	8.72	43	743485	198.916	ug/L	100
49) Dibromochloromethane	8.84	129	167208	20.637	ug/L	100
50) 1,2-Dibromoethane	8.95	107	135828	20.076	ug/L	96
51) Chlorobenzene	9.47	112	538829	20.074	ug/L	99
52) Ethylbenzene	9.60	91	924934	20.225	ug/L	99
53) m,p-Xylene	9.72	106	362432	20.239	ug/L	98
54) o-Xylene	10.12	106	352987	20.380	ug/L	99
55) Styrene	10.14	104	595342	20.627	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.81	83	175156	19.981	ug/L	98
59) Bromoform	10.32	173	96418	20.836	ug/L	100
60) Isopropylbenzene	10.51	105	925491	20.216	ug/L	99
61) 1,2,3-Trichloropropane	10.85	75	123768	19.787	ug/L	99
62) 1,3,5-Trimethylbenzene	11.11	105	812259	20.579	ug/L	100
63) 1,2,4-Trimethylbenzene	11.49	105	812513	20.576	ug/L	100
64) 1,3-Dichlorobenzene	11.77	146	436702	20.434	ug/L	99
65) 1,4-Dichlorobenzene	11.86	146	433373	20.533	ug/L	100
67) 1,2-Dichlorobenzene	12.23	146	409207	20.211	ug/L	100
68) 1,2-Dibromo-3-chloropropan	13.02	75	27199	20.146	ug/L	89
69) 1,3,5-Trichlorobenzene	13.24	180	350519	20.706	ug/L	99
70) 1,2,4-trichlorobenzene	13.86	180	290952	23.242	ug/L	100
71) Naphthalene	14.10	128	484428	26.642	ug/L	99
72) 1,2,3-Trichlorobenzene	14.35	180	258272	22.808	ug/L	100

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

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