

Data File : VU036549.D
Acq On : 24 Jan 2020 11:46
Operator : JC/MD
Sample : VSTD00104
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD001602

Quant Time: Jan 24 22:51:39 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	148903	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	138594	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	67016	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	7769	0.95	ug/L	0.00
7) Chloroethane-d5	1.93	69	7063	0.95	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	65	3164	0.93	ug/L	0.00
20) 2-Butanone-d5	4.70	46	16072	8.91	ug/L	0.00
24) Chloroform-d	5.11	84	14228	0.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	7868	1.00	ug/L	0.00
32) Benzene-d6	5.77	84	30410	0.93	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	9863	0.97	ug/L	0.00
41) Toluene-d8	7.93	98	30148	0.94	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	3775	0.92	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	16857	8.82	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.78	84	7686	0.94	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.21	152	11261	1.00	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	10901	1.017 ug/L	99
3) Chloromethane	1.53	50	11883	1.064 ug/L	95
5) Vinyl chloride	1.62	62	12906	1.038 ug/L	96
6) Bromomethane	1.87	94	7293	1.006 ug/L	91
8) Chloroethane	1.95	64	7850	1.084 ug/L	95
9) Trichlorofluoromethane	2.16	101	15118	1.045 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	9250	1.017 ug/L	98
12) 1,1-Dichloroethene	2.60	96	9005	1.015 ug/L	98
13) Acetone	2.69	43	14682	11.388 ug/L	85
14) Carbon disulfide	2.82	76	28617	1.031 ug/L	99
15) Methyl Acetate	3.00	43	3456	1.099 ug/L	93
16) Methylene chloride	3.08	84	13371	1.327 ug/L	92
17) Methyl tert-butyl Ether	3.41	73	22534	0.998 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	9673	1.013 ug/L	95
19) 1,1-Dichloroethane	3.91	63	16683	1.001 ug/L	97
21) 2-Butanone	4.77	43	22459	10.424 ug/L	92
22) cis-1,2-Dichloroethene	4.72	96	10678	1.008 ug/L	99
23) Bromochloromethane	5.02	128	4561	0.992 ug/L	96
25) Chloroform	5.13	83	17309	1.049 ug/L	96
27) 1,2-Dichloroethane	5.84	62	10909	1.052 ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	14087	1.043 ug/L	99
30) Cyclohexane	5.43	56	16126	1.040 ug/L	99
31) Carbon tetrachloride	5.56	117	11406	0.972 ug/L	98
33) Benzene	5.82	78	40266	1.052 ug/L	100
34) Trichloroethene	6.58	95	10669	1.044 ug/L	98
35) Methylcyclohexane	6.80	83	18082	1.035 ug/L	99
37) 1,2-Dichloropropane	6.83	63	9977	1.016 ug/L	98
38) Bromodichloromethane	7.14	83	12048	1.015 ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	14530	0.980 ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	55962	10.415 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
42) Toluene	8.00	91	43667	1.029	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	11630	1.010	ug/L	94
45) 1,1,2-Trichloroethane	8.43	97	7367	1.014	ug/L	97
47) Tetrachloroethene	8.58	164	8790	1.066	ug/L	97
48) 2-Hexanone	8.73	43	37723	9.941	ug/L	97
49) Dibromochloromethane	8.84	129	8331	1.013	ug/L	97
50) 1,2-Dibromoethane	8.95	107	7295	1.062	ug/L	97
51) Chlorobenzene	9.47	112	28554	1.048	ug/L	99
52) Ethylbenzene	9.60	91	48066	1.035	ug/L	99
53) m,p-Xylene	9.72	106	18352	1.009	ug/L	99
54) o-Xylene	10.12	106	17842	1.015	ug/L	99
55) Styrene	10.14	104	28945	0.988	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.81	83	9094	1.022	ug/L	98
59) Bromoform	10.32	173	4520	1.016	ug/L #	95
60) Isopropylbenzene	10.51	105	47901	1.088	ug/L	98
61) 1,2,3-Trichloropropane	10.85	75	6676	1.110	ug/L	98
62) 1,3,5-Trimethylbenzene	11.11	105	40148	1.057	ug/L	99
63) 1,2,4-Trimethylbenzene	11.49	105	39615	1.043	ug/L	99
64) 1,3-Dichlorobenzene	11.77	146	22132	1.077	ug/L	98
65) 1,4-Dichlorobenzene	11.86	146	22178	1.092	ug/L	99
67) 1,2-Dichlorobenzene	12.23	146	20954	1.076	ug/L	100
68) 1,2-Dibromo-3-chloropropan	13.01	75	1498	1.154	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.24	180	16442	1.010	ug/L	97
70) 1,2,4-trichlorobenzene	13.86	180	10822	0.899	ug/L	96
71) Naphthalene	14.10	128	12883	0.737	ug/L	99
72) 1,2,3-Trichlorobenzene	14.35	180	9876	0.907	ug/L	98

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

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[illegible]