

Data File : VU036550.D
Acq On : 24 Jan 2020 12:27
Operator : JC/MD
Sample : VSTD00505
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005603

Quant Time: Jan 24 22:52:15 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	153488	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	143553	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	72816	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	42291	5.00	ug/L	0.00
7) Chloroethane-d5	1.93	69	38511	5.00	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	65	17488	5.00	ug/L	0.00
20) 2-Butanone-d5	4.69	46	92996	50.00	ug/L	0.00
24) Chloroform-d	5.11	84	79707	5.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	40521	5.00	ug/L	0.00
32) Benzene-d6	5.77	84	169811	5.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	52629	5.00	ug/L	0.00
41) Toluene-d8	7.93	98	165992	5.00	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	21243	5.00	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	98979	50.00	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.78	84	42242	5.00	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.21	152	60938	5.00	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	55271	5.000	ug/L	100
3) Chloromethane	1.53	50	57569	5.000	ug/L	100
5) Vinyl chloride	1.62	62	64089	5.000	ug/L	100
6) Bromomethane	1.87	94	37382	5.000	ug/L	100
8) Chloroethane	1.95	64	37312	5.000	ug/L	100
9) Trichlorofluoromethane	2.16	101	74568	5.000	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	46879	5.000	ug/L	100
12) 1,1-Dichloroethene	2.60	96	45748	5.000	ug/L	100
13) Acetone	2.68	43	66449	50.000	ug/L	100
14) Carbon disulfide	2.82	76	143065	5.000	ug/L	100
15) Methyl Acetate	2.99	43	16209	5.000	ug/L	100
16) Methylene chloride	3.08	84	51931	5.000	ug/L	100
17) Methyl tert-butyl Ether	3.41	73	116365	5.000	ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	49220	5.000	ug/L	100
19) 1,1-Dichloroethane	3.91	63	85907	5.000	ug/L	100
21) 2-Butanone	4.77	43	111045	50.000	ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	54572	5.000	ug/L	100
23) Bromochloromethane	5.02	128	23699	5.000	ug/L	100
25) Chloroform	5.13	83	85056	5.000	ug/L	100
27) 1,2-Dichloroethane	5.83	62	53444	5.000	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	69951	5.000	ug/L	100
30) Cyclohexane	5.43	56	80276	5.000	ug/L	100
31) Carbon tetrachloride	5.56	117	60748	5.000	ug/L	100
33) Benzene	5.81	78	198137	5.000	ug/L	100
34) Trichloroethene	6.58	95	52924	5.000	ug/L	100
35) Methylcyclohexane	6.80	83	90510	5.000	ug/L	100
37) 1,2-Dichloropropane	6.83	63	50838	5.000	ug/L	100
38) Bromodichloromethane	7.14	83	61503	5.000	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	76780	5.000	ug/L	100
40) 4-Methyl-2-pentanone	7.83	43	278276	50.000	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
42) Toluene	8.00	91	219707	5.000	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	59660	5.000	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	37637	5.000	ug/L	100
47) Tetrachloroethene	8.58	164	42698	5.000	ug/L	100
48) 2-Hexanone	8.72	43	196517	50.000	ug/L	100
49) Dibromochloromethane	8.84	129	42600	5.000	ug/L	100
50) 1,2-Dibromoethane	8.95	107	35573	5.000	ug/L	100
51) Chlorobenzene	9.47	112	141132	5.000	ug/L	100
52) Ethylbenzene	9.60	91	240445	5.000	ug/L	100
53) m,p-Xylene	9.72	106	94153	5.000	ug/L	100
54) o-Xylene	10.12	106	91065	5.000	ug/L	100
55) Styrene	10.14	104	151751	5.000	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.81	83	46091	5.000	ug/L	100
59) Bromoform	10.32	173	24181	5.000	ug/L	100
60) Isopropylbenzene	10.51	105	239218	5.000	ug/L	100
61) 1,2,3-Trichloropropane	10.85	75	32686	5.000	ug/L	100
62) 1,3,5-Trimethylbenzene	11.11	105	206254	5.000	ug/L	100
63) 1,2,4-Trimethylbenzene	11.49	105	206346	5.000	ug/L	100
64) 1,3-Dichlorobenzene	11.77	146	111677	5.000	ug/L	100
65) 1,4-Dichlorobenzene	11.86	146	110291	5.000	ug/L	100
67) 1,2-Dichlorobenzene	12.23	146	105799	5.000	ug/L	100
68) 1,2-Dibromo-3-chloropropan	13.02	75	7055	5.000	ug/L	100
69) 1,3,5-Trichlorobenzene	13.24	180	88460	5.000	ug/L	100
70) 1,2,4-trichlorobenzene	13.86	180	65414	5.000	ug/L	100
71) Naphthalene	14.10	128	95013	5.000	ug/L	100
72) 1,2,3-Trichlorobenzene	14.35	180	59171	5.000	ug/L	100

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

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