

Data File : VU038985.D
Acq On : 19 Jun 2020 15:39
Operator : SY/MD
Sample : VSTD0.505
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Quant Time: Jun 19 17:20:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 19 17:18:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	271791	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	275298	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	136623	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	13996	0.70	ug/L	0.00
7) Chloroethane-d5	1.93	69	10169	0.62	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	24525	0.62	ug/L	0.00
20) 2-Butanone-d5	4.68	46	39297	6.22	ug/L	0.00
24) Chloroform-d	5.10	84	23559	0.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	13955	0.62	ug/L	0.00
32) Benzene-d6	5.76	84	42553	0.57	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	14490	0.63	ug/L	0.00
41) Toluene-d8	7.92	98	36466	0.53	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	5744	0.52	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	23370	4.35	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	12271	0.57	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	14327	0.55	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	15665	0.598 ug/L	92
3) Chloromethane	1.53	50	15820	0.612 ug/L	99
5) Vinyl chloride	1.62	62	16938	0.653 ug/L	97
6) Bromomethane	1.88	94	5925	0.434 ug/L	97
8) Chloroethane	1.95	64	9119	0.563 ug/L	95
9) Trichlorofluoromethane	2.16	101	22718	0.587 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	12870	0.626 ug/L	94
12) 1,1-Dichloroethene	2.61	96	10815	0.559 ug/L	96
13) Acetone	2.67	43	25086	5.868 ug/L	95
14) Carbon disulfide	2.82	76	37653	0.571 ug/L	100
15) Methyl Acetate	2.99	43	6555	0.619 ug/L	98
16) Methylene chloride	3.08	84	15083	0.668 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	27173	0.531 ug/L	96
18) trans-1,2-Dichloroethene	3.39	96	11585	0.566 ug/L	90
19) 1,1-Dichloroethane	3.91	63	22488	0.599 ug/L	97
21) 2-Butanone	4.76	43	36874	5.473 ug/L	98
22) cis-1,2-Dichloroethene	4.70	96	12096	0.576 ug/L	96
23) Bromochloromethane	5.02	128	5504	0.556 ug/L	88
25) Chloroform	5.13	83	21528	0.567 ug/L	95
27) 1,2-Dichloroethane	5.83	62	15689	0.568 ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	18392	0.533 ug/L	95
30) Cyclohexane	5.42	56	17796	0.536 ug/L	96
31) Carbon tetrachloride	5.56	117	16111	0.532 ug/L	99
33) Benzene	5.81	78	46058	0.547 ug/L	100
34) Trichloroethene	6.57	95	12162	0.575 ug/L	96
35) Methylcyclohexane	6.79	83	16552	0.490 ug/L	92
37) 1,2-Dichloropropane	6.82	63	13234	0.599 ug/L	99
38) Bromodichloromethane	7.13	83	15469	0.526 ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	16643	0.501 ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	86536	5.313 ug/L	98

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42) Toluene	7.99	91	45147	0.503	ug/L	97
44) trans-1,3-Dichloropropene	8.23	75	15613	0.506	ug/L	96
45) 1,1,2-Trichloroethane	8.42	97	9612	0.570	ug/L	98
47) Tetrachloroethene	8.57	164	8810	0.539	ug/L	93
48) 2-Hexanone	8.71	43	62620	5.378	ug/L	96
49) Dibromochloromethane	8.83	129	10583	0.551	ug/L	95
50) 1,2-Dibromoethane	8.94	107	9581	0.589	ug/L	86
51) Chlorobenzene	9.47	112	31727	0.566	ug/L	99
52) Ethylbenzene	9.59	91	46764	0.501	ug/L	100
53) m,p-Xylene	9.71	106	16895	0.469	ug/L	92
54) o-Xylene	10.11	106	16537	0.479	ug/L	92
55) Styrene	10.13	104	26385	0.444	ug/L	96
56) Isopropylbenzene	10.50	105	45665	0.497	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.80	83	12453	0.555	ug/L	95
59) 1,2,3-Trichloropropane	10.84	75	9317	0.565	ug/L	98
61) Bromoform	10.31	173	5828	0.530	ug/L #	92
62) 1,3-Dichlorobenzene	11.76	146	24583	0.571	ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	26029	0.590	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	23599	0.557	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	2101	0.509	ug/L	90
67) 1,3,5-Trichlorobenzene	13.24	180	17903	0.520	ug/L	96
68) 1,2,4-trichlorobenzene	13.87	180	16101	0.518	ug/L	98
69) Naphthalene	14.11	128	26524	0.446	ug/L	98
70) 1,2,3-Trichlorobenzene	14.36	180	14688	0.499	ug/L	97

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

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