

Data File : VU037350.D
Acq On : 20 Mar 2020 16:52
Operator : JC/MD
Sample : VSTD0.501
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.501

Quant Time: Mar 21 00:04:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 21 00:03:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	138929	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	139334	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	64856	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	4604	0.60	ug/L	0.00
7) Chloroethane-d5	1.93	69	3781	0.56	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	9800	0.60	ug/L	0.00
20) 2-Butanone-d5	4.69	46	10725	4.93	ug/L	0.00
24) Chloroform-d	5.10	84	9677	0.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	5893	0.59	ug/L	0.00
32) Benzene-d6	5.76	84	17416	0.57	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	5454	0.55	ug/L	0.00
41) Toluene-d8	7.93	98	16925	0.57	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	2325	0.52	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	7523	3.96	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	4590	0.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	6537	0.60	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	8311	0.528 ug/L	97
3) Chloromethane	1.53	50	8676	0.550 ug/L	95
5) Vinyl chloride	1.62	62	6873	0.489 ug/L	86
6) Bromomethane	1.87	94	2858	0.420 ug/L	90
8) Chloroethane	1.95	64	3859	0.476 ug/L	96
9) Trichlorofluoromethane	2.16	101	11095	0.524 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	5050	0.515 ug/L	94
12) 1,1-Dichloroethene	2.60	96	4768	0.537 ug/L	93
13) Acetone	2.68	43	8223	4.643 ug/L	94
14) Carbon disulfide	2.82	76	16513	0.567 ug/L	97
15) Methyl Acetate	3.00	43	2150	0.521 ug/L	79
16) Methylene chloride	3.08	84	5603	0.527 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	12434	0.496 ug/L	97
18) trans-1,2-Dichloroethene	3.39	96	4927	0.511 ug/L	87
19) 1,1-Dichloroethane	3.91	63	9781	0.512 ug/L	94
21) 2-Butanone	4.76	43	13233	4.640 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	5389	0.510 ug/L	85
23) Bromochloromethane	5.01	128	2426	0.508 ug/L	83
25) Chloroform	5.12	83	11456	0.549 ug/L	96
27) 1,2-Dichloroethane	5.83	62	7273	0.499 ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	9778	0.519 ug/L	99
30) Cyclohexane	5.43	56	7618	0.454 ug/L	97
31) Carbon tetrachloride	5.56	117	7969	0.480 ug/L	96
33) Benzene	5.81	78	20321	0.492 ug/L	100
34) Trichloroethene	6.57	95	5870	0.522 ug/L	95
35) Methylcyclohexane	6.79	83	7793	0.460 ug/L	98
37) 1,2-Dichloropropane	6.82	63	5379	0.494 ug/L	99
38) Bromodichloromethane	7.14	83	7351	0.480 ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	7491	0.457 ug/L	97
40) 4-Methyl-2-pentanone	7.83	43	32210	4.472 ug/L	95

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42) Toluene	8.00	91	20751	0.465	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	6783	0.486	ug/L	88
45) 1,1,2-Trichloroethane	8.43	97	3846	0.491	ug/L	95
47) Tetrachloroethene	8.58	164	4665	0.532	ug/L	90
48) 2-Hexanone	8.72	43	21595	4.066	ug/L	98
49) Dibromochloromethane	8.84	129	5078	0.499	ug/L	96
50) 1,2-Dibromoethane	8.95	107	3733	0.487	ug/L #	98
51) Chlorobenzene	9.47	112	14654	0.509	ug/L	98
52) Ethylbenzene	9.59	91	23496	0.466	ug/L	100
53) m,p-Xylene	9.71	106	7620	0.410	ug/L	89
54) o-Xylene	10.12	106	7867	0.445	ug/L	93
55) Styrene	10.13	104	12754	0.426	ug/L	97
56) Isopropylbenzene	10.50	105	21795	0.440	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	4580	0.445	ug/L #	97
59) 1,2,3-Trichloropropane	10.84	75	3444	0.450	ug/L	95
61) Bromoform	10.31	173	2965	0.523	ug/L #	97
62) 1,3-Dichlorobenzene	11.76	146	11052	0.514	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	11425	0.532	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	11012	0.526	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	715	0.438	ug/L	89
67) 1,3,5-Trichlorobenzene	13.24	180	8181	0.500	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	4646	0.404	ug/L	87
69) Naphthalene	14.12	128	5299	0.321	ug/L	100
70) 1,2,3-Trichlorobenzene	14.37	180	4743	0.427	ug/L	97

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

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