Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021921\
Data File : VU042354.D
Acq On : 19 Feb 2021 10:52
Operator : SY/MD
Sample : VSTD00501
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00501

Quant Time: Feb 19 13:03:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR021921WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 19 13:01:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	6.260	114	114547	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.427	117	112871	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	61268	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.604	65	30116	4.20	ug/L		0.00
7) Chloroethane-d5	1.919	69	28467	4.78	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.575	63	83806	5.10	ug/L		0.00
20) 2-Butanone-d5	4.649	46	150266	54.47	ug/L		0.00
24) Chloroform-d	5.073	84	81259	5.18	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.710	65	48541	5.16	ug/L		0.00
32) Benzene-d6	5.736	84	141609	4.80	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.700	67	47169	4.93	ug/L		0.00
41) Toluene-d8	7.906	98	136242	4.86	ug/L		0.00
43) trans-1,3-Dichloroprop...	8.186	79	19764	4.23	ug/L		0.00
46) 2-Hexanone-d5	8.645	63	109174	51.48	ug/L		0.00
57) 1,1,2,2-Tetrachloroeth...	10.764	84	42039	5.09	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	12.201	152	54993	4.97	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	61846	5.63	ug/L		98
3) Chloromethane	1.523	50	54158	5.54	ug/L		100
5) Vinyl chloride	1.607	62	54245	5.74	ug/L		99
6) Bromomethane	1.864	94	32857	5.83	ug/L		97
8) Chloroethane	1.941	64	32286	5.86	ug/L		97
9) Trichlorofluoromethane	2.144	101	87363	6.53	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	47700	5.76	ug/L		97
12) 1,1-Dichloroethene	2.588	96	43224	5.47	ug/L		94
13) Acetone	2.655	43	82347	46.78	ug/L		97
14) Carbon disulfide	2.800	76	146743	5.60	ug/L		100
15) Methyl Acetate	2.964	43	21687	5.17	ug/L		99
16) Methylene chloride	3.057	84	46490	5.03	ug/L		98
17) Methyl tert-butyl Ether	3.372	73	125227	5.51	ug/L		98
18) trans-1,2-Dichloroethene	3.363	96	46270	5.52	ug/L		98
19) 1,1-Dichloroethane	3.880	63	89516	5.73	ug/L		99
21) 2-Butanone	4.726	43	187806	60.19	ug/L		90
22) cis-1,2-Dichloroethene	4.678	96	48692	5.44	ug/L		100
23) Bromochloromethane	4.983	128	23391	5.64	ug/L		92
25) Chloroform	5.099	83	91057	5.64	ug/L		98
27) 1,2-Dichloroethane	5.803	62	69049	5.94	ug/L	#	93
29) 1,1,1-Trichloroethane	5.327	97	84030	5.57	ug/L		98
30) Cyclohexane	5.398	56	86557	5.36	ug/L		98
31) Carbon tetrachloride	5.533	117	72238	5.46	ug/L		99
33) Benzene	5.784	78	187599	5.55	ug/L		100
34) Trichloroethene	6.549	95	51774	5.67	ug/L		98
35) Methylcyclohexane	6.771	83	81565	5.36	ug/L		98
37) 1,2-Dichloropropane	6.800	63	50148	5.62	ug/L		99
38) Bromodichloromethane	7.115	83	67625	5.51	ug/L		97
39) cis-1,3-Dichloropropene	7.616	75	75813	5.27	ug/L		99
40) 4-Methyl-2-pentanone	7.803	43	456353	58.99	ug/L		97
42) Toluene	7.977	91	207033	5.63	ug/L		97
44) trans-1,3-Dichloropropene	8.218	75	70678	5.33	ug/L		99

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45) 1,1,2-Trichloroethane	8.407	97	37727	5.68	ug/L	97
47) Tetrachloroethene	8.562	164	42878	5.66	ug/L	100
48) 2-Hexanone	8.697	43	337467	62.14	ug/L	95
49) Dibromochloromethane	8.819	129	47802	5.49	ug/L	96
50) 1,2-Dibromoethane	8.932	107	38930	5.69	ug/L	99
51) Chlorobenzene	9.456	112	128693	5.51	ug/L	100
52) Ethylbenzene	9.578	91	230982	5.52	ug/L	99
53) m,p-Xylene	9.700	106	87038	5.56	ug/L	97
54) o-Xylene	10.108	106	84619	5.59	ug/L	94
55) Styrene	10.121	104	142736	5.47	ug/L	98
56) Isopropylbenzene	10.491	105	232612	5.53	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	50472	5.90	ug/L	99
59) 1,2,3-Trichloropropane	10.832	75	38440	5.99	ug/L	97
61) Bromoform	10.298	173	30216	5.40	ug/L	99
62) 1,3-Dichlorobenzene	11.755	146	109138	5.61	ug/L	98
63) 1,4-Dichlorobenzene	11.845	146	109546	5.62	ug/L	100
65) 1,2-Dichlorobenzene	12.221	146	106222	5.81	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.005	75	9651	5.93	ug/L	89
67) 1,3,5-Trichlorobenzene	13.227	180	89527	5.73	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	74527	6.00	ug/L	100
69) Naphthalene	14.095	128	121624	6.60	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	67429	6.11	ug/L	99

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

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