Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032921\
Data File : VU042807.D
Acq On : 29 Mar 2021 09:57
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00519

Quant Time: Mar 30 01:06:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 27 01:44:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	91263	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	89979	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	50374	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	24928	4.10	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.00%			
7) Chloroethane-d5	1.919	69	21093	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.60%			
11) 1,1-Dichloroethene-d2	2.578	63	64655	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.20%			
20) 2-Butanone-d5	4.649	46	88465	44.29	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.58%			
24) Chloroform-d	5.076	84	61659	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.40%			
26) 1,2-Dichloroethane-d4	5.713	65	36949	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
32) Benzene-d6	5.739	84	106500	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
36) 1,2-Dichloropropane-d6	6.700	67	34345	4.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.60%			
41) Toluene-d8	7.906	98	100835	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
43) trans-1,3-Dichloroprop...	8.189	79	16830	5.06	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.20%			
46) 2-Hexanone-d5	8.645	63	90000	56.53	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.06%			
57) 1,1,2,2-Tetrachloroeth...	10.767	84	34001	5.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.20%			
64) 1,2-Dichlorobenzene-d4	12.201	152	43962	4.81	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	39481	4.65	ug/L	99
3) Chloromethane	1.523	50	38760	4.82	ug/L	98
5) Vinyl chloride	1.607	62	38046	4.71	ug/L	97
6) Bromomethane	1.864	94	24550	5.51	ug/L	96
8) Chloroethane	1.941	64	24694	5.12	ug/L	98
9) Trichlorofluoromethane	2.144	101	64952	4.93	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	35303	5.10	ug/L	99
12) 1,1-Dichloroethene	2.588	96	31412	4.88	ug/L	90
13) Acetone	2.658	43	47347	30.76	ug/L	94
14) Carbon disulfide	2.803	76	106599	5.21	ug/L	99
15) Methyl Acetate	2.964	43	13332	3.48	ug/L	97
16) Methylene chloride	3.057	84	33891	4.40	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	85359	4.72	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	33195	4.91	ug/L	99
19) 1,1-Dichloroethane	3.880	63	64765	4.97	ug/L	100
21) 2-Butanone	4.729	43	115297	44.06	ug/L	93
22) cis-1,2-Dichloroethene	4.677	96	34602	4.79	ug/L	95
23) Bromochloromethane	4.986	128	17115	4.98	ug/L #	86
25) Chloroform	5.099	83	67264	4.91	ug/L	97

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00519

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Quant Title : TRACE VOA SOM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	49064	4.77	ug/L #	93
29) 1,1,1-Trichloroethane	5.327	97	62076	4.96	ug/L	98
30) Cyclohexane	5.398	56	60653	4.86	ug/L	97
31) Carbon tetrachloride	5.536	117	54819	4.97	ug/L	100
33) Benzene	5.784	78	138334	4.91	ug/L	100
34) Trichloroethene	6.552	95	37561	4.81	ug/L	98
35) Methylcyclohexane	6.774	83	58562	4.93	ug/L	97
37) 1,2-Dichloropropane	6.800	63	36085	4.75	ug/L	99
38) Bromodichloromethane	7.115	83	50030	5.05	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	55537	5.01	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	336528	50.78	ug/L	96
42) Toluene	7.980	91	151197	4.92	ug/L	99
44) trans-1,3-Dichloropropene	8.221	75	51305	5.02	ug/L	100
45) 1,1,2-Trichloroethane	8.410	97	27962	4.99	ug/L	98
47) Tetrachloroethene	8.562	164	30732	4.83	ug/L	98
48) 2-Hexanone	8.697	43	250729	51.28	ug/L	95
49) Dibromochloromethane	8.819	129	36197	5.16	ug/L	98
50) 1,2-Dibromoethane	8.935	107	28156	5.10	ug/L	99
51) Chlorobenzene	9.455	112	96431	4.91	ug/L	99
52) Ethylbenzene	9.578	91	167950	4.86	ug/L	99
53) m,p-Xylene	9.703	106	62825	4.91	ug/L	95
54) o-Xylene	10.108	106	61467	4.96	ug/L	96
55) Styrene	10.121	104	105399	5.00	ug/L	98
56) Isopropylbenzene	10.494	105	168677	4.95	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	36574	4.87	ug/L	98
59) 1,2,3-Trichloropropane	10.832	75	28218	4.94	ug/L	99
61) Bromoform	10.301	173	23058	5.07	ug/L	99
62) 1,3-Dichlorobenzene	11.754	146	82278	4.73	ug/L	99
63) 1,4-Dichlorobenzene	11.844	146	83873	4.84	ug/L	98
65) 1,2-Dichlorobenzene	12.221	146	79676	4.76	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.008	75	6694	4.76	ug/L	92
67) 1,3,5-Trichlorobenzene	13.227	180	67199	4.46	ug/L	98
68) 1,2,4-trichlorobenzene	13.851	180	56277	4.51	ug/L	100
69) Naphthalene	14.095	128	92492	4.57	ug/L	98
70) 1,2,3-Trichlorobenzene	14.339	180	52836	4.67	ug/L	98

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

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