Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032221\
Data File : VU042751.D
Acq On : 22 Mar 2021 10:01
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

Quant Time: Mar 23 07:12:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 20 06:44:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	86452	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	86834	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	47091	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	26887	4.67	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.40%			
7) Chloroethane-d5	1.919	69	24483	5.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 112.20%			
11) 1,1-Dichloroethene-d2	2.575	63	63266	4.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.20%			
20) 2-Butanone-d5	4.649	46	91248	48.22	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.44%			
24) Chloroform-d	5.073	84	57937	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
26) 1,2-Dichloroethane-d4	5.710	65	35588	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.60%			
32) Benzene-d6	5.735	84	102368	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
36) 1,2-Dichloropropane-d6	6.700	67	33103	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.40%			
41) Toluene-d8	7.906	98	101520	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
43) trans-1,3-Dichloroprop...	8.189	79	15362	4.79	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.80%			
46) 2-Hexanone-d5	8.645	63	74632	48.58	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.16%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	30373	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.20%			
64) 1,2-Dichlorobenzene-d4	12.201	152	41450	4.86	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	35390	4.40	ug/L	100
3) Chloromethane	1.523	50	33377	4.38	ug/L	100
5) Vinyl chloride	1.607	62	33906	4.43	ug/L	99
6) Bromomethane	1.864	94	21717	5.14	ug/L	99
8) Chloroethane	1.938	64	24499	5.37	ug/L	100
9) Trichlorofluoromethane	2.141	101	71014	5.69	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	33875	5.16	ug/L	97
12) 1,1-Dichloroethene	2.584	96	30045	4.93	ug/L	89
13) Acetone	2.655	43	59682	40.93	ug/L	99
14) Carbon disulfide	2.800	76	75697	3.90	ug/L	99
15) Methyl Acetate	2.961	43	13871	3.83	ug/L	95
16) Methylene chloride	3.054	84	34047	4.67	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	82596	4.82	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	30328	4.74	ug/L	98
19) 1,1-Dichloroethane	3.880	63	63141	5.11	ug/L	99
21) 2-Butanone	4.726	43	132567	53.48	ug/L	88
22) cis-1,2-Dichloroethene	4.678	96	33777	4.93	ug/L	97
23) Bromochloromethane	4.986	128	16302	5.01	ug/L	92
25) Chloroform	5.099	83	67767	5.22	ug/L	99

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

Quant Time: Mar 23 07:12:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
Quant Title : TRACE VOA SOM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	49865	5.12	ug/L #	94
29) 1,1,1-Trichloroethane	5.327	97	59183	4.90	ug/L	97
30) Cyclohexane	5.398	56	50865	4.22	ug/L	99
31) Carbon tetrachloride	5.533	117	52155	4.90	ug/L	99
33) Benzene	5.784	78	132819	4.89	ug/L	100
34) Trichloroethene	6.549	95	35663	4.73	ug/L	96
35) Methylcyclohexane	6.771	83	51004	4.45	ug/L	99
37) 1,2-Dichloropropane	6.800	63	37625	5.13	ug/L	99
38) Bromodichloromethane	7.115	83	49016	5.12	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	52320	4.89	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	324544	50.75	ug/L	96
42) Toluene	7.976	91	144334	4.87	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	48449	4.91	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	27146	5.02	ug/L	94
47) Tetrachloroethene	8.562	164	29420	4.79	ug/L	98
48) 2-Hexanone	8.697	43	247062	52.36	ug/L	94
49) Dibromochloromethane	8.819	129	34421	5.08	ug/L	98
50) 1,2-Dibromoethane	8.931	107	27200	5.10	ug/L	99
51) Chlorobenzene	9.456	112	93897	4.96	ug/L	99
52) Ethylbenzene	9.578	91	161906	4.85	ug/L	99
53) m,p-Xylene	9.700	106	59989	4.86	ug/L	97
54) o-Xylene	10.108	106	59280	4.96	ug/L	96
55) Styrene	10.121	104	106467	5.24	ug/L	99
56) Isopropylbenzene	10.491	105	164636	5.01	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	36829	5.08	ug/L	98
59) 1,2,3-Trichloropropane	10.832	75	28413	5.15	ug/L	98
61) Bromoform	10.301	173	22429	5.28	ug/L	98
62) 1,3-Dichlorobenzene	11.754	146	82877	5.10	ug/L	99
63) 1,4-Dichlorobenzene	11.845	146	81959	5.06	ug/L	99
65) 1,2-Dichlorobenzene	12.221	146	79536	5.09	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.005	75	6406	4.88	ug/L	94
67) 1,3,5-Trichlorobenzene	13.227	180	66437	4.72	ug/L	100
68) 1,2,4-trichlorobenzene	13.848	180	54201	4.65	ug/L	99
69) Naphthalene	14.095	128	88227	4.66	ug/L	99
70) 1,2,3-Trichlorobenzene	14.336	180	50249	4.75	ug/L	99

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

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