Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
Data File : VU042888.D
Acq On : 02 Apr 2021 09:07
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

Manual Integrations APPROVED
MMDadoda
4/2/2021 5:44:16 PM

Quant Time: Apr 02 14:14:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 02 05:16:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	85545	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	84943	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	46833	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25728	4.83	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.60%			
7) Chloroethane-d5	1.919	69	22505	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.00%			
11) 1,1-Dichloroethene-d2	2.578	63	62085	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.60%			
20) 2-Butanone-d5	4.649	46	112230m	52.10	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.20%			
24) Chloroform-d	5.073	84	61030	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%			
26) 1,2-Dichloroethane-d4	5.713	65	38138	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
32) Benzene-d6	5.739	84	105916	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
36) 1,2-Dichloropropane-d6	6.700	67	35773	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.40%			
41) Toluene-d8	7.906	98	104291	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
43) trans-1,3-Dichloroprop...	8.189	79	16521	5.14	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.80%			
46) 2-Hexanone-d5	8.645	63	91547	55.93	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.86%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	35068	5.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.40%			
64) 1,2-Dichlorobenzene-d4	12.201	152	44533	5.07	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	36115	5.27	ug/L	99
3) Chloromethane	1.523	50	33540	5.00	ug/L	99
5) Vinyl chloride	1.607	62	33850	5.00	ug/L	99
6) Bromomethane	1.864	94	20812	5.21	ug/L	99
8) Chloroethane	1.941	64	21888	4.99	ug/L	100
9) Trichlorofluoromethane	2.144	101	61052	5.17	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	31379	5.36	ug/L	96
12) 1,1-Dichloroethene	2.588	96	27803	5.01	ug/L	81
13) Acetone	2.658	43	68266m	52.93	ug/L	
14) Carbon disulfide	2.800	76	85072	4.98	ug/L	99
15) Methyl Acetate	2.964	43	14955	5.20	ug/L	98
16) Methylene chloride	3.057	84	30785	4.85	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	78625	5.04	ug/L	97
18) trans-1,2-Dichloroethene	3.363	96	28450	4.99	ug/L	96
19) 1,1-Dichloroethane	3.883	63	57507	5.04	ug/L	100
21) 2-Butanone	4.729	43	119411m	51.07	ug/L	
22) cis-1,2-Dichloroethene	4.678	96	30741	4.83	ug/L	94
23) Bromochloromethane	4.986	128	15072	5.08	ug/L	97
25) Chloroform	5.099	83	60204	4.83	ug/L	99

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

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Quant Time: Apr 02 14:14:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 02 05:16:37 2021
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.806	62	46377	5.10	ug/L		95
29) 1,1,1-Trichloroethane	5.327	97	53931	5.01	ug/L		97
30) Cyclohexane	5.398	56	51527	4.92	ug/L		98
31) Carbon tetrachloride	5.536	117	47763	5.10	ug/L		99
33) Benzene	5.784	78	122997	4.99	ug/L		100
34) Trichloroethene	6.552	95	33585	5.07	ug/L		99
35) Methylcyclohexane	6.771	83	49791	5.01	ug/L		98
37) 1,2-Dichloropropane	6.800	63	34005	5.08	ug/L		98
38) Bromodichloromethane	7.115	83	43877	5.00	ug/L		97
39) cis-1,3-Dichloropropene	7.616	75	49604	5.08	ug/L		100
40) 4-Methyl-2-pentanone	7.803	43	319350	54.17	ug/L		96
42) Toluene	7.976	91	135717	5.01	ug/L		97
44) trans-1,3-Dichloropropene	8.218	75	45747	5.03	ug/L		99
45) 1,1,2-Trichloroethane	8.411	97	26187	5.37	ug/L		94
47) Tetrachloroethene	8.562	164	27616	5.09	ug/L		98
48) 2-Hexanone	8.697	43	244727	56.64	ug/L		93
49) Dibromochloromethane	8.819	129	32709	5.32	ug/L		95
50) 1,2-Dibromoethane	8.931	107	25601	5.34	ug/L	#	98
51) Chlorobenzene	9.456	112	85715	4.96	ug/L		98
52) Ethylbenzene	9.578	91	151283	4.99	ug/L		99
53) m,p-Xylene	9.703	106	57455	5.13	ug/L		99
54) o-Xylene	10.108	106	55129	5.03	ug/L		92
55) Styrene	10.121	104	95250	5.05	ug/L		100
56) Isopropylbenzene	10.491	105	152678	5.01	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.790	83	33982	5.34	ug/L		99
59) 1,2,3-Trichloropropane	10.832	75	26008	5.42	ug/L		98
61) Bromoform	10.301	173	20322	5.29	ug/L		97
62) 1,3-Dichlorobenzene	11.754	146	77258	5.13	ug/L		99
63) 1,4-Dichlorobenzene	11.845	146	75129	5.00	ug/L		95
65) 1,2-Dichlorobenzene	12.221	146	73096	5.07	ug/L		99
66) 1,2-Dibromo-3-chloropr...	13.002	75	6342	5.73	ug/L		85
67) 1,3,5-Trichlorobenzene	13.227	180	62427	5.14	ug/L		100
68) 1,2,4-trichlorobenzene	13.848	180	50915	5.12	ug/L		99
69) Naphthalene	14.095	128	83506	5.16	ug/L		99
70) 1,2,3-Trichlorobenzene	14.336	180	47336	5.23	ug/L		99

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

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Instrument :
MSVOA_U
ClientSampleId :
VSTD00525

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