Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082721\
Data File : VU044526.D
Acq On : 27 Aug 2021 10:03
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005096

Manual Integrations APPROVED
MMDadoda
8/30/2021 10:53:59 AM

Quant Time: Aug 28 01:12:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Aug 25 03:50:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	114835	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	116926	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	57540	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	36191	3.897	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.000%			
7) Chloroethane-d5	1.915	69	35410	4.387	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.800%			
11) 1,1-Dichloroethene-d2	2.571	65	17724	4.486	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.800%			
20) 2-Butanone-d5	4.639	46	140675m	54.768	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.540%			
24) Chloroform-d	5.073	84	83342	5.075	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.400%			
26) 1,2-Dichloroethane-d4	5.710	65	44038	4.917	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.400%			
32) Benzene-d6	5.735	84	158219	4.805	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.200%			
36) 1,2-Dichloropropane-d6	6.697	67	51402	4.880	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.600%			
41) Toluene-d8	7.906	98	140765	4.821	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.400%			
43) trans-1,3-Dichloroprop...	8.185	79	19307	5.104	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.000%			
46) 2-Hexanone-d5	8.645	63	111149	54.335	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.660%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	44832	5.054	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.000%			
66) 1,2-Dichlorobenzene-d4	12.198	152	49134	5.054	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	58903	4.988	ug/L	100
3) Chloromethane	1.520	50	72204	4.667	ug/L	98
5) Vinyl chloride	1.607	62	72649	5.079	ug/L	98
6) Bromomethane	1.861	94	39771	5.116	ug/L	99
8) Chloroethane	1.938	64	42673	4.881	ug/L	95
9) Trichlorofluoromethane	2.144	101	82820	5.064	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	48198	5.357	ug/L	99
12) 1,1-Dichloroethene	2.587	96	45947	5.206	ug/L	90
13) Acetone	2.645	43	96123m	45.067	ug/L	
14) Carbon disulfide	2.800	76	143439	5.011	ug/L	99
15) Methyl Acetate	2.960	43	15803	4.536	ug/L	94
16) Methylene chloride	3.054	84	56336	4.296	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	118627	5.198	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	48031	5.223	ug/L	99
19) 1,1-Dichloroethane	3.877	63	93709	5.257	ug/L	98
21) 2-Butanone	4.719	43	163733m	53.869	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	51343	5.222	ug/L	98
23) Bromochloromethane	4.983	128	22987	5.304	ug/L	98
25) Chloroform	5.095	83	93818	5.130	ug/L	99

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Data File : VU044526.D
Acq On : 27 Aug 2021 10:03
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 28 01:12:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Aug 25 03:50:31 2021
Response via : Initial Calibration

Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	62190	5.098	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	77476	5.294	ug/L	99
30) Cyclohexane	5.398	56	83527	5.163	ug/L	98
31) Carbon tetrachloride	5.533	117	63397	5.272	ug/L	99
33) Benzene	5.780	78	208876	5.265	ug/L	100
34) Trichloroethene	6.549	95	51202	5.221	ug/L	98
35) Methylcyclohexane	6.771	83	82610	5.050	ug/L	99
37) 1,2-Dichloropropane	6.799	63	54418	5.239	ug/L	99
38) Bromodichloromethane	7.111	83	67310	5.277	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	76055	5.221	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	385940	54.719	ug/L	99
42) Toluene	7.976	91	214150	5.182	ug/L	100
44) trans-1,3-Dichloropropene	8.217	75	65584	5.312	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	39737	5.364	ug/L	92
47) Tetrachloroethene	8.561	164	34871	5.142	ug/L	99
48) 2-Hexanone	8.697	43	277532	55.146	ug/L	100
49) Dibromochloromethane	8.815	129	42022	5.361	ug/L	97
50) 1,2-Dibromoethane	8.931	107	37172	5.246	ug/L	98
51) Chlorobenzene	9.452	112	128344	5.061	ug/L	99
52) Ethylbenzene	9.578	91	226023	5.178	ug/L	98
53) m,p-Xylene	9.700	106	86188	5.252	ug/L	99
54) o-Xylene	10.108	106	83759	5.240	ug/L	99
55) Styrene	10.121	104	147586	5.631	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	50983	5.227	ug/L	97
59) Bromoform	10.298	173	21164	5.206	ug/L	97
60) Isopropylbenzene	10.491	105	218587	5.205	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	38581	5.366	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	181749	5.293	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	184517	5.240	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	96120	5.213	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	96636	5.187	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	94177	5.359	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	8494	5.775	ug/L	92
69) 1,3,5-Trichlorobenzene	13.224	180	65933	5.079	ug/L	99
70) 1,2,4-trichlorobenzene	13.847	180	53538	5.262	ug/L	99
71) Naphthalene	14.092	128	101193	5.216	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	49866	5.353	ug/L	100

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

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