Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111521\
Data File : VV023495.D
Acq On : 15 Nov 2021 20:17
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005355

Quant Time: Nov 16 00:35:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 16 00:29:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126295	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125929	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68651	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	49062	6.201	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 124.000%			
7) Chloroethane-d5	1.568	69	36851	5.715	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 114.200%			
11) 1,1-Dichloroethene-d2	2.111	63	82437	5.566	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 111.400%			
20) 2-Butanone-d5	3.892	46	76559	56.166	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.340%			
24) Chloroform-d	4.352	84	85268	5.057	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.200%			
26) 1,2-Dichloroethane-d4	5.037	65	39741	5.241	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.800%			
32) Benzene-d6	5.053	84	168806	5.224	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.400%			
36) 1,2-Dichloropropane-d6	6.072	67	47497	4.994	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.800%			
41) Toluene-d8	7.317	98	162186	5.357	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.200%			
43) trans-1,3-Dichloroprop...	7.625	79	17793	4.933	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.600%			
46) 2-Hexanone-d5	8.088	63	56062	42.249	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.500%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30925	4.521	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.400%			
66) 1,2-Dichlorobenzene-d4	11.625	152	58980	5.160	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	56221	4.565	ug/L	98
3) Chloromethane	1.243	50	52057	4.972	ug/L	97
5) Vinyl chloride	1.311	62	51962	4.969	ug/L	100
6) Bromomethane	1.523	94	33273	4.978	ug/L	97
8) Chloroethane	1.587	64	30628	5.075	ug/L	98
9) Trichlorofluoromethane	1.754	101	78197	4.977	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	41322	5.224	ug/L	97
12) 1,1-Dichloroethene	2.121	96	38750	5.145	ug/L	93
13) Acetone	2.182	43	52476	63.006	ug/L	92
14) Carbon disulfide	2.298	76	121603	4.279	ug/L	100
15) Methyl Acetate	2.439	43	12576	5.335	ug/L	98
16) Methylene chloride	2.510	84	44287	4.029	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	78024	4.706	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	42950	4.639	ug/L	91
19) 1,1-Dichloroethane	3.191	63	76343	4.884	ug/L	97
21) 2-Butanone	3.979	43	78030	57.947	ug/L	94
22) cis-1,2-Dichloroethene	3.915	96	44480	4.992	ug/L #	86
23) Bromochloromethane	4.249	128	20178	4.911	ug/L #	87
25) Chloroform	4.378	83	83541	5.014	ug/L	96

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005355

Quant Time: Nov 16 00:35:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	44148	4.981	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	74837	4.893	ug/L	99
30) Cyclohexane	4.680	56	61462	4.485	ug/L	96
31) Carbon tetrachloride	4.828	117	68226	4.967	ug/L	98
33) Benzene	5.101	78	173620	4.933	ug/L	100
34) Trichloroethene	5.915	95	45421	4.853	ug/L	96
35) Methylcyclohexane	6.130	83	67020	4.536	ug/L	97
37) 1,2-Dichloropropane	6.175	63	40388	4.915	ug/L	100
38) Bromodichloromethane	6.510	83	52645	4.781	ug/L	100
39) cis-1,3-Dichloropropene	7.031	75	53491	4.526	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	197749	51.889	ug/L	99
42) Toluene	7.387	91	192141	5.104	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	46669	4.759	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	29155	4.938	ug/L	97
47) Tetrachloroethene	7.976	164	39274	4.842	ug/L	97
48) 2-Hexanone	8.140	43	146370	54.812	ug/L	98
49) Dibromochloromethane	8.246	129	37477	5.010	ug/L	99
50) 1,2-Dibromoethane	8.355	107	26447	4.834	ug/L	92
51) Chlorobenzene	8.883	112	119009	4.756	ug/L	98
52) Ethylbenzene	9.014	91	192290	4.843	ug/L	99
53) m,p-xylene	9.140	106	76852	4.932	ug/L	97
54) o-xylene	9.545	106	73190	5.007	ug/L	100
55) Styrene	9.561	104	126974	5.070	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	29528	4.565	ug/L	99
59) Bromoform	9.731	173	19220	4.687	ug/L	98
60) Isopropylbenzene	9.931	105	199115	5.054	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	22604	4.957	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	161622	4.948	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	165181	5.081	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	100271	4.981	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	99645	4.847	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	90442	5.021	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4696	4.833	ug/L	87
69) 1,3,5-Trichlorobenzene	12.648	180	72915	4.627	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	56229	4.455	ug/L	99
71) Naphthalene	13.503	128	73658	3.958	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	50250	4.551	ug/L	99

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

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