Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033299.D
Acq On : 14 Dec 2023 00:20
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

Quant Time: Dec 14 01:03:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 23:30:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	134972	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	131473	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	76812	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	47270	5.463	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 109.200%			
7) Chloroethane-d5	1.532	69	35424	5.505	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.000%			
11) 1,1-Dichloroethene-d2	2.060	65	18326	5.322	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.400%			
20) 2-Butanone-d5	3.796	46	59597	58.204	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.400%			
24) Chloroform-d	4.249	84	101487	5.623	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.400%			
26) 1,2-Dichloroethane-d4	4.944	65	45014	5.740	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.800%			
32) Benzene-d6	4.960	84	195145	5.738	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.800%			
36) 1,2-Dichloropropane-d6	5.989	67	43260	5.588	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 111.800%			
41) Toluene-d8	7.243	98	193466	5.838	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.800%			
43) trans-1,3-Dichloroprop...	7.554	79	20468	5.796	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 116.000%			
46) 2-Hexanone-d5	8.027	63	59954	60.811	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 121.620%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	30497	5.825	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 116.400%			
66) 1,2-Dichlorobenzene-d4	11.561	152	75034	5.546	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	86564	5.141	ug/L	99
3) Chloromethane	1.214	50	47969	4.983	ug/L	99
5) Vinyl chloride	1.281	62	49529	5.084	ug/L	100
6) Bromomethane	1.487	94	32844	5.143	ug/L	93
8) Chloroethane	1.552	64	27117	4.824	ug/L	100
9) Trichlorofluoromethane	1.716	101	89581	5.011	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	39923	4.830	ug/L	97
12) 1,1-Dichloroethene	2.069	96	39878	5.161	ug/L	95
13) Acetone	2.127	43	33464	46.175	ug/L #	58
14) Carbon disulfide	2.243	76	126350	5.021	ug/L	100
15) Methyl Acetate	2.381	43	8628	4.492	ug/L #	87
16) Methylene chloride	2.445	84	42712	4.799	ug/L	95
17) Methyl tert-butyl Ether	2.703	73	85040	5.344	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	48062	5.137	ug/L	92
19) 1,1-Dichloroethane	3.111	63	75762	5.160	ug/L	99
21) 2-Butanone	3.876	43	49037	46.447	ug/L	92
22) cis-1,2-Dichloroethene	3.812	96	49702	5.142	ug/L	94
23) Bromochloromethane	4.146	128	22837	5.471	ug/L	90
25) Chloroform	4.275	83	92119	5.321	ug/L	100

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ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTD005316

Quant Time: Dec 14 01:03:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.043	62	49882	5.250	ug/L		100
29) 1,1,1-Trichloroethane	4.513	97	93341	5.120	ug/L		98
30) Cyclohexane	4.584	56	57449	4.939	ug/L		95
31) Carbon tetrachloride	4.735	117	87506	5.138	ug/L		99
33) Benzene	5.008	78	184346	5.233	ug/L		100
34) Trichloroethene	5.834	95	52580	5.119	ug/L		97
35) Methylcyclohexane	6.050	83	76175	5.007	ug/L		99
37) 1,2-Dichloropropane	6.095	63	36275	5.119	ug/L		100
38) Bromodichloromethane	6.432	83	60334	5.305	ug/L		95
39) cis-1,3-Dichloropropene	6.956	75	61151	5.314	ug/L		99
40) 4-Methyl-2-pentanone	7.159	43	135284	53.956	ug/L		99
42) Toluene	7.317	91	215147	5.332	ug/L		98
44) trans-1,3-Dichloropropene	7.583	75	51923	5.413	ug/L		99
45) 1,1,2-Trichloroethane	7.770	97	29151	5.342	ug/L		95
47) Tetrachloroethene	7.905	164	48113	4.947	ug/L		97
48) 2-Hexanone	8.079	43	102935	56.961	ug/L		98
49) Dibromochloromethane	8.175	129	40038	5.231	ug/L		97
50) 1,2-Dibromoethane	8.284	107	27607	5.448	ug/L	#	96
51) Chlorobenzene	8.815	112	142565	5.158	ug/L		98
52) Ethylbenzene	8.947	91	238939	5.285	ug/L		99
53) m,p-Xylene	9.072	106	98010	5.268	ug/L		97
54) o-Xylene	9.477	106	92744	5.263	ug/L		100
55) Styrene	9.497	104	157344	5.442	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.178	83	27309	5.135	ug/L		99
59) Bromoform	9.667	173	24160	5.120	ug/L		96
60) Isopropylbenzene	9.866	105	258487	5.080	ug/L		99
61) 1,2,3-Trichloropropane	10.210	75	20846	5.121	ug/L		97
62) 1,3,5-Trimethylbenzene	10.477	105	209961	5.045	ug/L		100
63) 1,2,4-Trimethylbenzene	10.853	105	211271	5.132	ug/L		100
64) 1,3-Dichlorobenzene	11.117	146	133309	5.148	ug/L		98
65) 1,4-Dichlorobenzene	11.210	146	131160	5.090	ug/L		98
67) 1,2-Dichlorobenzene	11.580	146	112626	5.059	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.368	75	5033	5.286	ug/L		94
69) 1,3,5-Trichlorobenzene	12.583	180	103926	5.027	ug/L		99
70) 1,2,4-trichlorobenzene	13.201	180	81937	5.145	ug/L		99
71) Naphthalene	13.442	128	94971	5.148	ug/L		99
72) 1,2,3-Trichlorobenzene	13.680	180	64038	5.009	ug/L		99

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

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