Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041124\
Data File : VV035127.D
Acq On : 11 Apr 2024 15:24
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005381

Quant Time: Apr 12 01:17:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 04 02:49:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	187039	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	187744	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	96377	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	65104	4.224	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.400%			
7) Chloroethane-d5	1.532	69	63077	4.963	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.200%			
11) 1,1-Dichloroethene-d2	2.056	65	31591	4.512	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.200%			
20) 2-Butanone-d5	3.809	46	116686	48.381	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.760%			
24) Chloroform-d	4.249	84	132854	5.326	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.600%			
26) 1,2-Dichloroethane-d4	4.944	65	63696	5.655	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.000%			
32) Benzene-d6	4.960	84	258391	5.261	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.200%			
36) 1,2-Dichloropropane-d6	5.989	67	81862	5.679	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 113.600%			
41) Toluene-d8	7.243	98	238455	5.345	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.000%			
43) trans-1,3-Dichloroprop...	7.555	79	26908	5.255	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 105.000%			
46) 2-Hexanone-d5	8.027	63	113160	64.391	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 128.780%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	61464	6.111	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 122.200%#			
66) 1,2-Dichlorobenzene-d4	11.558	152	82375	5.426	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	61110	4.245	ug/L	98
3) Chloromethane	1.214	50	78059	4.471	ug/L	100
5) Vinyl chloride	1.282	62	82102	4.397	ug/L	98
6) Bromomethane	1.487	94	46113	4.326	ug/L	98
8) Chloroethane	1.548	64	54099	4.507	ug/L	98
9) Trichlorofluoromethane	1.712	101	115164	4.640	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	71402	4.696	ug/L	99
12) 1,1-Dichloroethene	2.069	96	64629	4.551	ug/L	98
13) Acetone	2.134	43	85122	48.382	ug/L	77
14) Carbon disulfide	2.240	76	182350	4.310	ug/L	99
15) Methyl Acetate	2.384	43	27016	5.563	ug/L	99
16) Methylene chloride	2.446	84	73531	4.720	ug/L	92
17) Methyl tert-butyl Ether	2.703	73	163438	5.345	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	67973	4.829	ug/L	96
19) 1,1-Dichloroethane	3.111	63	141856	5.108	ug/L	98
21) 2-Butanone	3.892	43	124774	44.249	ug/L #	77
22) cis-1,2-Dichloroethene	3.812	96	75147	5.098	ug/L	97
23) Bromochloromethane	4.150	128	31793	5.137	ug/L	97
25) Chloroform	4.275	83	141013	5.113	ug/L	100

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VSTD005381

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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	82420	5.310	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	112101	4.872	ug/L	99
30) Cyclohexane	4.580	56	101619	4.794	ug/L	99
31) Carbon tetrachloride	4.732	117	94928	4.821	ug/L	96
33) Benzene	5.008	78	283332	4.929	ug/L	100
34) Trichloroethene	5.834	95	73243	4.891	ug/L	97
35) Methylcyclohexane	6.047	83	107661	4.720	ug/L	98
37) 1,2-Dichloropropane	6.092	63	75886	5.092	ug/L	100
38) Bromodichloromethane	6.432	83	97496	5.186	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	105458	5.268	ug/L	96
40) 4-Methyl-2-pentanone	7.156	43	392184	58.324	ug/L	100
42) Toluene	7.313	91	301768	4.995	ug/L	98
44) trans-1,3-Dichloropropene	7.584	75	89014	5.364	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	52436	5.355	ug/L	99
47) Tetrachloroethene	7.902	164	54360	4.831	ug/L	98
48) 2-Hexanone	8.076	43	313230	61.705	ug/L	96
49) Dibromochloromethane	8.175	129	60352	5.236	ug/L	98
50) 1,2-Dibromoethane	8.281	107	48562	5.268	ug/L	98
51) Chlorobenzene	8.812	112	194830	4.991	ug/L	100
52) Ethylbenzene	8.944	91	323032	4.950	ug/L	100
53) m,p-Xylene	9.072	106	117805	4.916	ug/L	99
54) o-Xylene	9.477	106	117088	4.980	ug/L	96
55) Styrene	9.493	104	201870	5.340	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	63657	5.439	ug/L	100
59) Bromoform	9.667	173	31602	5.275	ug/L	97
60) Isopropylbenzene	9.866	105	298884	4.962	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	48192	5.356	ug/L	96
62) 1,3,5-Trimethylbenzene	10.474	105	238568	4.821	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	250307	4.986	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	153592	4.996	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	149914	4.869	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	145770	5.133	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	9555	5.166	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	116144	5.032	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	97206	5.421	ug/L	99
71) Naphthalene	13.439	128	147462	5.852	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	88199	5.593	ug/L	100

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

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