Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031423\
Data File : VV030187.D
Acq On : 14 Mar 2023 10:54
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005300

Quant Time: Mar 15 01:33:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Mar 14 03:44:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	140067	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	138035	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	86838	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	50548	5.577	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 111.600%			
7) Chloroethane-d5	1.539	69	44584	5.241	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.800%			
11) 1,1-Dichloroethene-d2	2.066	63	100754	5.407	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 108.200%			
20) 2-Butanone-d5	3.838	46	77391	46.316	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.640%			
24) Chloroform-d	4.259	84	97924	5.289	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.800%			
26) 1,2-Dichloroethane-d4	4.953	65	40969	5.421	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.400%			
32) Benzene-d6	4.970	84	182917	4.925	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.400%			
36) 1,2-Dichloropropane-d6	5.998	67	53958	4.829	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.600%			
41) Toluene-d8	7.252	98	179560	5.100	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.000%			
43) trans-1,3-Dichloroprop...	7.561	79	20595	5.387	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.800%			
46) 2-Hexanone-d5	8.037	63	74313	46.986	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.980%			
56) 1,1,2,2-Tetrachloroeth...	10.162	84	43234	5.439	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.800%			
66) 1,2-Dichlorobenzene-d4	11.571	152	66282	4.511	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	55163	4.840	ug/L	97
3) Chloromethane	1.217	50	76124	4.239	ug/L	99
5) Vinyl chloride	1.285	62	56470	4.732	ug/L	100
6) Bromomethane	1.494	94	12455	5.814	ug/L	99
8) Chloroethane	1.555	64	35813	4.925	ug/L	98
9) Trichlorofluoromethane	1.719	101	87800	5.128	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	56232	5.295	ug/L	100
12) 1,1-Dichloroethene	2.076	96	48468	5.156	ug/L	96
13) Acetone	2.166	43	61395	49.712	ug/L #	62
14) Carbon disulfide	2.246	76	110993	4.413	ug/L	99
15) Methyl Acetate	2.391	43	13839	4.798	ug/L	97
16) Methylene chloride	2.455	84	50021	4.356	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	88667	4.824	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	42886	4.796	ug/L	100
19) 1,1-Dichloroethane	3.121	63	86246	5.178	ug/L	98
21) 2-Butanone	3.915	43	79106	47.627	ug/L	99
22) cis-1,2-Dichloroethene	3.828	96	46026	4.657	ug/L	98
23) Bromochloromethane	4.163	128	22835	5.407	ug/L	96
25) Chloroform	4.288	83	93620	5.403	ug/L	98

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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005300

Quant Time: Mar 15 01:33:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	48845	5.389	ug/L	99
29) 1,1,1-Trichloroethane	4.523	97	83298	5.137	ug/L	99
30) Cyclohexane	4.597	56	57106	4.076	ug/L	99
31) Carbon tetrachloride	4.744	117	74585	5.117	ug/L	99
33) Benzene	5.021	78	182346	4.837	ug/L	100
34) Trichloroethene	5.841	95	49098	4.648	ug/L	98
35) Methylcyclohexane	6.063	83	66386	4.152	ug/L	97
37) 1,2-Dichloropropane	6.101	63	49019	5.111	ug/L	99
38) Bromodichloromethane	6.442	83	63858	5.216	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	64916	4.624	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	210877	53.285	ug/L	98
42) Toluene	7.323	91	204638	5.012	ug/L	97
44) trans-1,3-Dichloropropene	7.590	75	54679	4.989	ug/L	100
45) 1,1,2-Trichloroethane	7.777	97	36046	5.253	ug/L	96
47) Tetrachloroethene	7.915	164	42529	4.690	ug/L	98
48) 2-Hexanone	8.088	43	154353	54.480	ug/L	98
49) Dibromochloromethane	8.185	129	44474	5.538	ug/L	99
50) 1,2-Dibromoethane	8.291	107	32711	5.109	ug/L	96
51) Chlorobenzene	8.821	112	133735	4.857	ug/L	99
52) Ethylbenzene	8.953	91	209597	4.717	ug/L	99
53) m,p-Xylene	9.082	106	82227	4.815	ug/L	97
54) o-Xylene	9.487	106	78669	4.823	ug/L	100
55) Styrene	9.503	104	140684	5.186	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	43414	5.656	ug/L	100
59) Bromoform	9.674	173	26918	5.172	ug/L	99
60) Isopropylbenzene	9.876	105	221980	4.443	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	28178	4.848	ug/L	97
62) 1,3,5-Trimethylbenzene	10.487	105	173513	4.228	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	182673	4.351	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	120889	4.647	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	122770	4.677	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	110646	4.817	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	6239	4.806	ug/L	97
69) 1,3,5-Trichlorobenzene	12.593	180	93281	4.361	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	72437	4.181	ug/L	98
71) Naphthalene	13.448	128	90142	3.981	ug/L	100
72) 1,2,3-Trichlorobenzene	13.693	180	60735	4.258	ug/L	99

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

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005300

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