Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092622\
Data File : VV028127.D
Acq On : 26 Sep 2022 19:58
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005304

Quant Time: Sep 26 21:32:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Sep 26 21:28:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	186367	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	182953	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	102744	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	73103	3.784	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.600%			
7) Chloroethane-d5	1.561	69	64045	4.169	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.400%			
11) 1,1-Dichloroethene-d2	2.101	63	121994	3.640	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.800%			
20) 2-Butanone-d5	3.886	46	183716	56.322	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.640%			
24) Chloroform-d	4.342	84	145053	4.705	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.000%			
26) 1,2-Dichloroethane-d4	5.027	65	70673	4.817	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.400%			
32) Benzene-d6	5.043	84	269148	4.487	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.800%			
36) 1,2-Dichloropropane-d6	6.066	67	86028	4.600	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.000%			
41) Toluene-d8	7.310	98	234478	4.318	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.400%			
43) trans-1,3-Dichloroprop...	7.619	79	31185	4.616	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.400%			
46) 2-Hexanone-d5	8.085	63	152705	54.161	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.320%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	65083	5.091	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.800%			
66) 1,2-Dichlorobenzene-d4	11.622	152	90096	4.471	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	66277	4.762	ug/L	91
3) Chloromethane	1.236	50	64268	3.486	ug/L	97
5) Vinyl chloride	1.304	62	73783	5.105	ug/L	99
6) Bromomethane	1.516	94	43620	4.635	ug/L	96
8) Chloroethane	1.580	64	45963	4.743	ug/L	98
9) Trichlorofluoromethane	1.748	101	111014	4.838	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	64063	4.845	ug/L	100
12) 1,1-Dichloroethene	2.111	96	56368	4.377	ug/L	87
13) Acetone	2.179	43	100625	40.050	ug/L	98
14) Carbon disulfide	2.288	76	114292	4.624	ug/L	99
15) Methyl Acetate	2.433	43	25085	5.143	ug/L	95
16) Methylene chloride	2.500	84	79620	5.538	ug/L	93
17) Methyl tert-butyl Ether	2.764	73	143243	5.170	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	56879	5.045	ug/L	97
19) 1,1-Dichloroethane	3.182	63	127259	5.174	ug/L	98
21) 2-Butanone	3.969	43	147912	47.551	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	69501	4.698	ug/L	98
23) Bromochloromethane	4.239	128	30232	5.104	ug/L	91
25) Chloroform	4.368	83	134953	5.113	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.127	62	74073	5.263	ug/L	#	95
29) 1,1,1-Trichloroethane	4.600	97	115159	5.123	ug/L		98
30) Cyclohexane	4.670	56	78399	4.822	ug/L		95
31) Carbon tetrachloride	4.821	117	94461	5.106	ug/L		98
33) Benzene	5.095	78	263469	5.186	ug/L		100
34) Trichloroethene	5.908	95	64662	5.113	ug/L		96
35) Methylcyclohexane	6.127	83	85422	4.925	ug/L		96
37) 1,2-Dichloropropane	6.169	63	70544	4.953	ug/L		99
38) Bromodichloromethane	6.506	83	91064	5.179	ug/L		98
39) cis-1,3-Dichloropropene	7.024	75	89675	5.069	ug/L		99
40) 4-Methyl-2-pentanone	7.223	43	375502	54.293	ug/L		99
42) Toluene	7.384	91	282292	5.327	ug/L		100
44) trans-1,3-Dichloropropene	7.648	75	76650	5.038	ug/L		93
45) 1,1,2-Trichloroethane	7.834	97	50610	5.301	ug/L		99
47) Tetrachloroethene	7.972	164	50905	5.043	ug/L		95
48) 2-Hexanone	8.136	43	266777	50.810	ug/L		97
49) Dibromochloromethane	8.243	129	60334	5.256	ug/L		99
50) 1,2-Dibromoethane	8.352	107	43281	5.217	ug/L		98
51) Chlorobenzene	8.879	112	190098	5.348	ug/L		99
52) Ethylbenzene	9.008	91	289418	5.162	ug/L		98
53) m,p-Xylene	9.136	106	111638	5.196	ug/L		98
54) o-Xylene	9.542	106	109737	5.172	ug/L		98
55) Styrene	9.558	104	200018	5.441	ug/L		100
57) 1,1,2,2-Tetrachloroethane	10.236	83	58771	5.283	ug/L		100
59) Bromoform	9.728	173	32131	4.926	ug/L		99
60) Isopropylbenzene	9.927	105	301255	4.995	ug/L		100
61) 1,2,3-Trichloropropane	10.271	75	42540	4.937	ug/L		99
62) 1,3,5-Trimethylbenzene	10.535	105	79881	4.703	ug/L		100
63) 1,2,4-Trimethylbenzene	10.911	105	231983	4.886	ug/L		99
64) 1,3-Dichlorobenzene	11.178	146	156568	5.217	ug/L		98
65) 1,4-Dichlorobenzene	11.268	146	152087	5.065	ug/L		98
67) 1,2-Dichlorobenzene	11.638	146	144330	5.091	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.422	75	9165	4.852	ug/L		89
69) 1,3,5-Trichlorobenzene	12.641	180	117526	4.948	ug/L		97
70) 1,2,4-trichlorobenzene	13.258	180	96613	5.086	ug/L		99
71) Naphthalene	13.500	128	143199	4.603	ug/L		99
72) 1,2,3-Trichlorobenzene	13.741	180	85520	4.977	ug/L		98

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

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