Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
Data File : VV028900.D
Acq On : 12 Nov 2022 01:20
Operator : SY/MD
Sample : N5592-23MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AE1MSD

Quant Time: Nov 12 03:00:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 11 22:27:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	306752	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	285597	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	151356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	85466	4.570	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.400%			
7) Chloroethane-d5	1.565	69	76070	4.627	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.600%			
11) 1,1-Dichloroethene-d2	2.108	63	165159	4.846	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.000%			
20) 2-Butanone-d5	3.880	46	194522	62.138	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 124.280%			
24) Chloroform-d	4.343	84	199290	5.191	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.800%			
26) 1,2-Dichloroethane-d4	5.027	65	88524	5.124	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.400%			
32) Benzene-d6	5.047	84	406693	4.771	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.400%			
36) 1,2-Dichloropropane-d6	6.066	67	115614	4.857	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.200%			
41) Toluene-d8	7.310	98	373212	4.863	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.200%			
43) trans-1,3-Dichloroprop...	7.619	79	36469	4.697	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.000%			
46) 2-Hexanone-d5	8.085	63	179963	54.305	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.620%			
56) 1,1,2,2-Tetrachloroeth...	10.211	84	88344	5.353	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.000%			
66) 1,2-Dichlorobenzene-d4	11.616	152	133666	4.936	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	125096	4.892	ug/L	98
3) Chloromethane	1.240	50	111565	5.257	ug/L	98
5) Vinyl chloride	1.311	62	121224	5.008	ug/L	97
6) Bromomethane	1.520	94	68048	4.703	ug/L	96
8) Chloroethane	1.584	64	71004	4.991	ug/L	100
9) Trichlorofluoromethane	1.751	101	737805	22.604	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	92573	5.009	ug/L	99
12) 1,1-Dichloroethene	2.118	96	96808	5.213	ug/L	97
13) Acetone	2.172	43	110467	54.857	ug/L	82
14) Carbon disulfide	2.291	76	315434	4.783	ug/L	99
15) Methyl Acetate	2.433	43	27579	5.643	ug/L	96
16) Methylene chloride	2.503	84	108382	4.514	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	212171	5.329	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	110707	5.140	ug/L	97
19) 1,1-Dichloroethane	3.185	63	187738	5.332	ug/L	99
21) 2-Butanone	3.963	43	182667	58.590	ug/L	88
22) cis-1,2-Dichloroethene	3.909	96	119138	5.441	ug/L	97
23) Bromochloromethane	4.243	128	49565	5.352	ug/L	90
25) Chloroform	4.368	83	206157	5.585	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.127	62	101385	5.333	ug/L		99
29) 1,1,1-Trichloroethane	4.603	97	165341	4.934	ug/L		99
30) Cyclohexane	4.674	56	165093	4.847	ug/L		99
31) Carbon tetrachloride	4.822	117	141194	4.892	ug/L		99
33) Benzene	5.095	78	451602	5.175	ug/L		100
34) Trichloroethene	5.912	95	111546	4.992	ug/L		98
35) Methylcyclohexane	6.127	83	182209	4.640	ug/L		98
37) 1,2-Dichloropropane	6.169	63	102233	5.080	ug/L		99
38) Bromodichloromethane	6.506	83	129081	5.064	ug/L		97
39) cis-1,3-Dichloropropene	7.024	75	139607	4.969	ug/L		100
40) 4-Methyl-2-pentanone	7.220	43	466856	53.916	ug/L		98
42) Toluene	7.384	91	480136	5.092	ug/L		99
44) trans-1,3-Dichloropropene	7.648	75	110679	5.074	ug/L		100
45) 1,1,2-Trichloroethane	7.834	97	71182	5.403	ug/L		97
47) Tetrachloroethene	7.969	164	116031	6.486	ug/L		97
48) 2-Hexanone	8.137	43	328020	54.080	ug/L		100
49) Dibromochloromethane	8.240	129	82065	5.152	ug/L		99
50) 1,2-Dibromoethane	8.349	107	65984	5.391	ug/L		97
51) Chlorobenzene	8.876	112	305234	5.236	ug/L		100
52) Ethylbenzene	9.005	91	509839	5.194	ug/L		100
53) m,p-Xylene	9.133	106	197554	5.060	ug/L		99
54) o-Xylene	9.539	106	196288	5.289	ug/L		99
55) Styrene	9.555	104	297469	4.779	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.233	83	83002	5.405	ug/L		98
59) Bromoform	9.725	173	42463	5.146	ug/L		99
60) Isopropylbenzene	9.924	105	513250	5.224	ug/L		100
61) 1,2,3-Trichloropropane	10.268	75	57574	5.566	ug/L		98
62) 1,3,5-Trimethylbenzene	10.532	105	431081	5.180	ug/L		100
63) 1,2,4-Trimethylbenzene	10.908	105	428905	5.145	ug/L		100
64) 1,3-Dichlorobenzene	11.172	146	241762	5.237	ug/L		99
65) 1,4-Dichlorobenzene	11.265	146	231678	4.992	ug/L		100
67) 1,2-Dichlorobenzene	11.635	146	210901	5.085	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.419	75	9762	4.797	ug/L	#	78
69) 1,3,5-Trichlorobenzene	12.638	180	166379	4.672	ug/L		99
70) 1,2,4-trichlorobenzene	13.252	180	123359	4.580	ug/L		97
71) Naphthalene	13.493	128	143065	4.116	ug/L		99
72) 1,2,3-Trichlorobenzene	13.735	180	105775	4.636	ug/L		99

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

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