Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028769.D
Acq On : 28 Oct 2022 20:36
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005340

Quant Time: Oct 28 21:56:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 21:50:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	176709	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	167194	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	83659	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76137	6.195	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 124.000%			
7) Chloroethane-d5	1.564	69	60250	5.798	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 116.000%			
11) 1,1-Dichloroethene-d2	2.104	63	141062	5.934	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 118.600%			
20) 2-Butanone-d5	3.902	46	116456	41.557	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.120%			
24) Chloroform-d	4.342	84	112223	5.259	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.200%			
26) 1,2-Dichloroethane-d4	5.030	65	54257	5.011	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.200%			
32) Benzene-d6	5.047	84	225555	5.044	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.800%			
36) 1,2-Dichloropropane-d6	6.066	67	73060	5.162	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.200%			
41) Toluene-d8	7.310	98	198880	5.700	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.000%			
43) trans-1,3-Dichloroprop...	7.619	79	19665	4.472	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.400%			
46) 2-Hexanone-d5	8.088	63	107569	52.552	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.100%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	46693	4.974	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.400%			
66) 1,2-Dichlorobenzene-d4	11.615	152	58697	5.087	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	37721	5.062	ug/L	98
3) Chloromethane	1.240	50	68280	4.908	ug/L	97
5) Vinyl chloride	1.307	62	68876	4.982	ug/L	95
6) Bromomethane	1.519	94	32105	4.862	ug/L	100
8) Chloroethane	1.584	64	50582	5.382	ug/L	94
9) Trichlorofluoromethane	1.751	101	95899	5.206	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	57051	5.212	ug/L	97
12) 1,1-Dichloroethene	2.114	96	51490	5.302	ug/L	95
13) Acetone	2.188	43	83794	50.377	ug/L	96
14) Carbon disulfide	2.291	76	83019	3.702	ug/L	100
15) Methyl Acetate	2.436	43	25148	4.983	ug/L	95
16) Methylene chloride	2.503	84	65186	4.867	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	135829	5.332	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	48079	4.919	ug/L	100
19) 1,1-Dichloroethane	3.185	63	124553	5.279	ug/L	97
21) 2-Butanone	3.989	43	158692	55.511	ug/L	83
22) cis-1,2-Dichloroethene	3.908	96	61082	5.213	ug/L	99
23) Bromochloromethane	4.243	128	23105	5.275	ug/L	94
25) Chloroform	4.368	83	120746	5.262	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	68501	5.051	ug/L	96
29) 1,1,1-Trichloroethane	4.603	97	86443	4.299	ug/L	98
30) Cyclohexane	4.670	56	89607	4.300	ug/L	99
31) Carbon tetrachloride	4.821	117	64355	3.984	ug/L	99
33) Benzene	5.095	78	246792	4.939	ug/L	100
34) Trichloroethene	5.911	95	56042	4.527	ug/L	93
35) Methylcyclohexane	6.127	83	83959	4.910	ug/L	97
37) 1,2-Dichloropropane	6.169	63	71714	5.617	ug/L	99
38) Bromodichloromethane	6.506	83	74132	4.856	ug/L	94
39) cis-1,3-Dichloropropene	7.024	75	77011	4.976	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	468848	62.023	ug/L	97
42) Toluene	7.384	91	248086	5.236	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	58257	4.670	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	42985	5.478	ug/L	98
47) Tetrachloroethene	7.972	164	38028	5.005	ug/L	97
48) 2-Hexanone	8.136	43	325969	60.944	ug/L	97
49) Dibromochloromethane	8.239	129	39118	4.759	ug/L	95
50) 1,2-Dibromoethane	8.349	107	34667	5.075	ug/L	99
51) Chlorobenzene	8.876	112	159967	5.362	ug/L	98
52) Ethylbenzene	9.008	91	272714	5.179	ug/L	99
53) m,p-Xylene	9.133	106	99909	5.255	ug/L	97
54) o-Xylene	9.538	106	99642	5.210	ug/L	97
55) Styrene	9.554	104	169768	5.264	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.236	83	55158	5.604	ug/L	100
59) Bromoform	9.725	173	17892	4.356	ug/L	97
60) Isopropylbenzene	9.924	105	279818	5.315	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	38999	5.429	ug/L	97
62) 1,3,5-Trimethylbenzene	10.532	105	78755	5.128	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	222519	5.232	ug/L	98
64) 1,3-Dichlorobenzene	11.175	146	115438	5.091	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	115368	5.099	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	109526	5.282	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	6532	4.417	ug/L	89
69) 1,3,5-Trichlorobenzene	12.635	180	83047	4.823	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	64130	4.892	ug/L	97
71) Naphthalene	13.493	128	100510	4.474	ug/L	98
72) 1,2,3-Trichlorobenzene	13.734	180	59851	5.151	ug/L	99

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

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