Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
Data File : VV028266.D
Acq On : 01 Oct 2022 08:03
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

Quant Time: Oct 03 01:29:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	186199	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	195245	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	106636	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	75701	3.922	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.400%			
7) Chloroethane-d5	1.561	69	66405	4.327	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.600%			
11) 1,1-Dichloroethene-d2	2.102	63	137658	4.112	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.200%			
20) 2-Butanone-d5	3.896	46	162486	49.858	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.720%			
24) Chloroform-d	4.343	84	151633	4.923	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.400%			
26) 1,2-Dichloroethane-d4	5.027	65	67941	4.635	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.800%			
32) Benzene-d6	5.044	84	293835	4.590	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.800%			
36) 1,2-Dichloropropane-d6	6.063	67	87199	4.369	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.400%			
41) Toluene-d8	7.310	98	285135	4.921	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.400%			
43) trans-1,3-Dichloroprop...	7.619	79	29252	4.058	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.200%			
46) 2-Hexanone-d5	8.085	63	148926	49.495	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.980%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	72580	5.320	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.400%			
66) 1,2-Dichlorobenzene-d4	11.622	152	106102	5.073	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	57493	4.134	ug/L	90
3) Chloromethane	1.237	50	50281	2.730	ug/L	99
5) Vinyl chloride	1.304	62	63159	4.374	ug/L	99
6) Bromomethane	1.516	94	31353	3.334	ug/L	100
8) Chloroethane	1.577	64	47774	4.934	ug/L	86
9) Trichlorofluoromethane	1.748	101	107746	4.700	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	64948	4.916	ug/L	95
12) 1,1-Dichloroethene	2.111	96	57941	4.503	ug/L	78
13) Acetone	2.188	43	95054	37.866	ug/L	99
14) Carbon disulfide	2.285	76	105566	4.275	ug/L	100
15) Methyl Acetate	2.436	43	23124	4.745	ug/L	93
16) Methylene chloride	2.500	84	72846	5.071	ug/L	87
17) Methyl tert-butyl Ether	2.764	73	141909	5.127	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	57371	5.093	ug/L	93
19) 1,1-Dichloroethane	3.179	63	120061	4.886	ug/L	99
21) 2-Butanone	3.982	43	138038	44.417	ug/L	91
22) cis-1,2-Dichloroethene	3.902	96	69615	4.710	ug/L	92
23) Bromochloromethane	4.240	128	31976	5.403	ug/L #	86
25) Chloroform	4.365	83	134852	5.114	ug/L	96

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.127	62	68225	4.852	ug/L	#	94
29) 1,1,1-Trichloroethane	4.600	97	112259	4.679	ug/L		99
30) Cyclohexane	4.671	56	72812	4.197	ug/L		92
31) Carbon tetrachloride	4.822	117	94179	4.771	ug/L		100
33) Benzene	5.092	78	261152	4.817	ug/L		100
34) Trichloroethene	5.908	95	64367	4.769	ug/L		94
35) Methylcyclohexane	6.124	83	78619	4.248	ug/L		95
37) 1,2-Dichloropropane	6.169	63	68953	4.537	ug/L	#	97
38) Bromodichloromethane	6.507	83	92058	4.906	ug/L		99
39) cis-1,3-Dichloropropene	7.024	75	80165	4.246	ug/L		98
40) 4-Methyl-2-pentanone	7.227	43	358560	48.579	ug/L		95
42) Toluene	7.384	91	283277	5.009	ug/L		98
44) trans-1,3-Dichloropropene	7.648	75	68835	4.239	ug/L		99
45) 1,1,2-Trichloroethane	7.834	97	55062	5.404	ug/L		96
47) Tetrachloroethene	7.969	164	55182	5.122	ug/L		97
48) 2-Hexanone	8.137	43	273328	48.781	ug/L	#	95
49) Dibromochloromethane	8.243	129	64913	5.299	ug/L		96
50) 1,2-Dibromoethane	8.349	107	47042	5.313	ug/L		98
51) Chlorobenzene	8.879	112	199035	5.247	ug/L		98
52) Ethylbenzene	9.008	91	301002	5.031	ug/L		97
53) m,p-Xylene	9.137	106	119071	5.193	ug/L		96
54) o-Xylene	9.539	106	118579	5.237	ug/L		99
55) Styrene	9.558	104	213811	5.450	ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.236	83	67982	5.726	ug/L		98
59) Bromoform	9.728	173	35678	5.270	ug/L		99
60) Isopropylbenzene	9.928	105	317757	5.077	ug/L		99
61) 1,2,3-Trichloropropane	10.272	75	46693	5.221	ug/L		96
62) 1,3,5-Trimethylbenzene	10.535	105	85918	4.873	ug/L		98
63) 1,2,4-Trimethylbenzene	10.911	105	239556	4.861	ug/L		100
64) 1,3-Dichlorobenzene	11.178	146	167475	5.377	ug/L		97
65) 1,4-Dichlorobenzene	11.268	146	163666	5.252	ug/L		98
67) 1,2-Dichlorobenzene	11.638	146	158970	5.403	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.426	75	9395	4.792	ug/L		96
69) 1,3,5-Trichlorobenzene	12.641	180	122666	4.976	ug/L		100
70) 1,2,4-trichlorobenzene	13.259	180	94030	4.769	ug/L		98
71) Naphthalene	13.497	128	139473	4.320	ug/L		99
72) 1,2,3-Trichlorobenzene	13.738	180	89779	5.034	ug/L		97

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

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