Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012590.D
Acq On : 17 Nov 2020 17:06
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02002

Quant Time: Nov 17 17:37:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 17 13:38:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	184691	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	774630	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	451085	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	924155	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	826665	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	866473	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	34868	6.73	ng/uL	0.00
5) Phenol-d5	6.64	99	327124	19.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	207873	21.00	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	258759	19.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	260708	18.99	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	128200	20.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	141450	20.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	261409	19.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	297925	22.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	708375	19.23	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	873502	19.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	123001	17.83	ng/ul	0.00
58) Fluorene-d10	15.11	176	598719	18.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	65754	10.43	ng/ul	0.00
71) Anthracene-d10	16.96	188	890622	18.97	ng/ul	0.00
79) Pyrene-d10	19.26	212	883322	20.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	938369	19.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	36838	6.573	ng/uL	94
4) Benzaldehyde	6.61	77	200944	20.733	ng/ul	98
6) Phenol	6.67	94	335762	19.537	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.90	93	265420	20.184	ng/ul	93
10) 2-Chlorophenol	7.02	128	262212	19.683	ng/ul	97
11) 2-Methylphenol	7.90	108	246456	19.192	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	7.99	45	375630	21.671	ng/ul	99
14) Acetophenone	8.28	105	405024	19.208	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.26	70	218543	20.462	ng/ul#	95
16) 4-Methylphenol	8.23	108	267486	19.063	ng/ul	89
17) Hexachloroethane	8.52	117	116606	19.956	ng/ul	94
20) Nitrobenzene	8.65	77	337379	19.475	ng/ul	97
21) Isophorone	9.17	82	587106	20.054	ng/ul	98
23) 2-Nitrophenol	9.35	139	147580	19.395	ng/ul#	89
24) 2,4-Dimethylphenol	9.42	107	309493	19.077	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.66	93	349398	19.285	ng/ul	98
27) 2,4-Dichlorophenol	9.88	162	243808	18.634	ng/ul	97
28) Naphthalene	10.27	128	839842	18.755	ng/ul	98
30) 4-Chloroaniline	10.39	127	287048	22.491	ng/ul	100
31) Hexachlorobutadiene	10.56	225	156248	18.208	ng/ul	96
32) Caprolactam	11.17	113	76184	18.327	ng/ul	98
33) 4-Chloro-3-methylphenol	11.52	107	280971	18.752	ng/ul	100
34) 2-Methylnaphthalene	11.90	142	574024	18.367	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	672828	18.065 ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	274401	19.701 ng/ul	99
38) Hexachlorocyclopentadiene	12.25	237	110302	12.623 ng/ul	93
39) 2,4,6-Trichlorophenol	12.52	196	190096	20.606 ng/ul	99
40) 2,4,5-Trichlorophenol	12.59	196	196234	20.193 ng/ul	93
41) 1,1'-Biphenyl	12.93	154	736239	19.692 ng/ul	94
42) 2-Chloronaphthalene	12.97	162	575337	19.698 ng/ul	94
43) 2-Nitroaniline	13.19	65	191836	22.068 ng/ul	92
45) Dimethylphthalate	13.58	163	705575	19.014 ng/ul#	99
46) 2,6-Dinitrotoluene	13.70	165	143266	19.163 ng/ul#	87
48) Acenaphthylene	13.83	152	856019	19.437 ng/ul	97
49) 3-Nitroaniline	14.03	138	130666	22.577 ng/ul	99
50) Acenaphthene	14.17	153	622318	19.349 ng/ul	99
51) 2,4-Dinitrophenol	14.24	184	40823	8.824 ng/ul	85
53) 4-Nitrophenol	14.34	109	120770	19.157 ng/ul	95
54) Dibenzofuran	14.51	168	837140	18.775 ng/ul	96
55) 2,4-Dinitrotoluene	14.49	165	204483	18.752 ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	14.75	232	163214	19.366 ng/ul	97
57) Diethylphthalate	14.96	149	727062	19.170 ng/ul	98
59) Fluorene	15.17	166	700875	18.812 ng/ul	92
60) 4-Chlorophenyl-phenylether	15.17	204	329252	18.206 ng/ul	94
61) 4-Nitroaniline	15.19	138	158974	21.657 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.26	198	71493	10.686 ng/ul	95
65) N-Nitrosodiphenylamine	15.39	169	564178	19.201 ng/ul	95
66) 4-Bromophenyl-phenylether	16.06	248	197417	19.017 ng/ul	93
67) Hexachlorobenzene	16.17	284	227229	18.364 ng/ul	94
68) Atrazine	16.35	200	199547	18.884 ng/ul	95
69) Pentachlorophenol	16.52	266	139218	19.076 ng/ul	92
70) Phenanthrene	16.90	178	1056036	18.586 ng/ul	99
72) Anthracene	16.99	178	1067115	18.526 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	276412	21.066 ng/uL	96
74) Pentachlorobenzene	14.43	250	269465	19.669 ng/uL	96
75) Carbazole	17.27	167	924969	18.816 ng/ul	99
76) Di-n-butylphthalate	17.85	149	1190461	19.576 ng/ul	99
77) Fluoranthene	18.93	202	1180485	18.065 ng/ul	97
80) Pyrene	19.29	202	1211970	20.592 ng/ul	98
81) Butylbenzylphthalate	20.22	149	541501	22.736 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.00	252	333326	20.305 ng/ul	92
83) Benzo(a)anthracene	21.06	228	1068896	19.185 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.00	149	818469	22.801 ng/ul	96
85) Chrysene	21.10	228	1015030	18.689 ng/ul	99
87) Di-n-octyl phthalate	21.86	149	1331068	21.568 ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	1097777	18.960 ng/ul	98
89) Benzo(k)fluoranthene	22.60	252	1097735	19.714 ng/ul	99
91) Benzo(a)pyrene	23.10	252	1034527	19.560 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.28	276	1279898	19.417 ng/ul	97
93) Dibenzo(a,h)anthracene	25.29	278	1100211	19.491 ng/ul	98
94) Benzo(g,h,i)perylene	25.91	276	1062683	19.039 ng/ul	95

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

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