Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042220\
Data File : BN010577.D
Acq On : 22 Apr 2020 10:53
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02082

Quant Time: Apr 22 11:57:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 22 11:55:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	486028	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	2153501	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	1425171	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	3285582	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	3567815	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	3391606	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	59978	6.46	ng/uL	0.00
5) Phenol-d5	6.78	99	760563	19.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	438198	22.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	635448	19.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	634442	19.61	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	322230	19.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	360215	19.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	712861	19.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	962529	23.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	2080305	19.67	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	2477875	19.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	388472	18.87	ng/ul	0.00
58) Fluorene-d10	15.22	176	1828802	19.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	308745	17.99	ng/ul	0.00
71) Anthracene-d10	17.07	188	2949448	19.38	ng/ul	0.00
79) Pyrene-d10	19.37	212	3616657	17.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	3285558	18.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	66469	6.764	ng/uL	99
4) Benzaldehyde	6.75	77	494536	24.816	ng/ul	98
6) Phenol	6.81	94	788045	19.838	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.03	93	585347	19.137	ng/ul	93
10) 2-Chlorophenol	7.16	128	652762	19.610	ng/ul	97
11) 2-Methylphenol	8.03	108	612309	19.470	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.13	45	398251	20.477	ng/ul	97
14) Acetophenone	8.40	105	991141	20.261	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	475897	20.310	ng/ul	97
16) 4-Methylphenol	8.36	108	670876	19.943	ng/ul	98
17) Hexachloroethane	8.66	117	257266	18.635	ng/ul	88
20) Nitrobenzene	8.77	77	754353	19.463	ng/ul	99
21) Isophorone	9.30	82	1352766	18.922	ng/ul	98
23) 2-Nitrophenol	9.48	139	387017	19.352	ng/ul	94
24) 2,4-Dimethylphenol	9.55	107	756538	19.181	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.78	93	840170	19.319	ng/ul	98
27) 2,4-Dichlorophenol	10.00	162	707288	19.802	ng/ul	99
28) Naphthalene	10.40	128	2194576	18.962	ng/ul	99
30) 4-Chloroaniline	10.51	127	978589	23.708	ng/ul	100
31) Hexachlorobutadiene	10.70	225	452185	18.186	ng/ul	96
32) Caprolactam	11.29	113	213183	18.809	ng/ul	98
33) 4-Chloro-3-methylphenol	11.65	107	758921	20.277	ng/ul	96
34) 2-Methylnaphthalene	12.02	142	1641317	20.066	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.24	142	1530689	18.697	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	900093	18.943	ng/ul	90
38) Hexachlorocyclopentadiene	12.38	237	324669	14.043	ng/ul	98
39) 2,4,6-Trichlorophenol	12.64	196	582556	18.920	ng/ul	99
40) 2,4,5-Trichlorophenol	12.71	196	645706	19.500	ng/ul	98
41) 1,1'-Biphenyl	13.05	154	2138680	19.539	ng/ul	99
42) 2-Chloronaphthalene	13.08	162	1685161	19.046	ng/ul	98
43) 2-Nitroaniline	13.29	65	425853	20.749	ng/ul	94
45) Dimethylphthalate	13.69	163	2038159	18.565	ng/ul	99
46) 2,6-Dinitrotoluene	13.80	165	459838	19.696	ng/ul	98
48) Acenaphthylene	13.94	152	2684518	19.582	ng/ul	99
49) 3-Nitroaniline	14.12	138	462996	20.843	ng/ul	89
50) Acenaphthene	14.29	153	1780131	18.975	ng/ul	98
51) 2,4-Dinitrophenol	14.33	184	182507	16.502	ng/ul	96
53) 4-Nitrophenol	14.45	109	321530	19.291	ng/ul	95
54) Dibenzofuran	14.62	168	2590077	19.722	ng/ul	98
55) 2,4-Dinitrotoluene	14.59	165	645427	19.406	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.85	232	574418	19.851	ng/ul	98
57) Diethylphthalate	15.06	149	2064862	18.707	ng/ul	99
59) Fluorene	15.27	166	2064871	19.176	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.27	204	1043762	18.954	ng/ul	99
61) 4-Nitroaniline	15.29	138	549112	21.824	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.36	198	338602	18.344	ng/ul#	91
65) N-Nitrosodiphenylamine	15.49	169	1849845	19.435	ng/ul	95
66) 4-Bromophenyl-phenylether	16.17	248	662859	18.478	ng/ul	95
67) Hexachlorobenzene	16.29	284	729244	17.872	ng/ul	97
68) Atrazine	16.45	200	606577	16.134	ng/ul	98
69) Pentachlorophenol	16.63	266	450698	17.302	ng/ul	99
70) Phenanthrene	17.01	178	3516434	19.273	ng/ul	98
72) Anthracene	17.10	178	3606732	19.501	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.01	216	902221	17.314	ng/uL	98
74) Pentachlorobenzene	14.55	250	853720	16.807	ng/uL	97
75) Carbazole	17.37	167	3297680	21.706	ng/ul	100
76) Di-n-butylphthalate	17.96	149	3731621	19.499	ng/ul	99
77) Fluoranthene	19.03	202	4443540	22.414	ng/ul	96
80) Pyrene	19.40	202	4603365	17.857	ng/ul	96
81) Butylbenzylphthalate	20.32	149	1866547	16.787	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.10	252	1291301	16.792	ng/ul	100
83) Benzo(a)anthracene	21.16	228	4569111	18.461	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	2753571	17.146	ng/ul	100
85) Chrysene	21.21	228	4303131	18.491	ng/ul	99
87) Di-n-octyl phthalate	21.98	149	4836230	20.047	ng/ul	100
88) Benzo(b)fluoranthene	22.70	252	4251595	19.211	ng/ul	98
89) Benzo(k)fluoranthene	22.74	252	3899369	17.759	ng/ul	98
91) Benzo(a)pyrene	23.26	252	3816331	19.409	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.49	276	4284977	19.361	ng/ul	98
93) Dibenzo(a,h)anthracene	25.50	278	3585291	19.288	ng/ul	96
94) Benzo(g,h,i)perylene	26.14	276	3469486	18.942	ng/ul	97

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

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