Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119570.D
Acq On : 27 Mar 2020 16:38
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 28 00:51:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	287681	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1095748	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	579139	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1111094	20.00	ng	0.00
76) Chrysene-d12	14.01	240	752810	20.00	ng	0.00
87) Perylene-d12	15.47	264	631547	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1432214	79.25	ng	0.00
7) Phenol-d6	6.46	99	1884294	81.62	ng	0.00
23) Nitrobenzene-d5	7.40	82	1756329	87.11	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	578020	96.74	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3168194	81.04	ng	0.00
79) Terphenyl-d14	12.96	244	3434013	89.37	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.56	88	375735	42.097	ng	99
3) Pyridine	3.30	79	890452	36.214	ng	97
4) n-Nitrosodimethylamine	3.25	42	438008	36.528	ng	98
6) Aniline	6.50	93	1272593	39.942	ng	99
8) 2-Chlorophenol	6.62	128	799032	42.098	ng	97
9) Benzaldehyde	6.38	77	569618	38.896	ng	98
10) Phenol	6.47	94	1068348	43.372	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	819181	41.581	ng	98
12) 1,3-Dichlorobenzene	6.77	146	854288	41.587	ng	96
13) 1,4-Dichlorobenzene	6.85	146	860820	41.894	ng	97
14) 1,2-Dichlorobenzene	7.01	146	816160	42.496	ng	99
15) Benzyl Alcohol	6.97	79	733418	42.235	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1606870	40.437	ng	100
17) 2-Methylphenol	7.09	107	734154	42.216	ng	98
18) Hexachloroethane	7.35	117	324948	43.154	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	599329	43.072	ng	98
20) 3+4-Methylphenols	7.24	107	900069	42.232	ng	97
22) Acetophenone	7.25	105	1069403	40.844	ng	99
24) Nitrobenzene	7.42	77	891719	41.385	ng	99
25) Isophorone	7.66	82	1696999	41.493	ng	99
26) 2-Nitrophenol	7.73	139	445225	52.480	ng	97
27) 2,4-Dimethylphenol	7.77	122	644658	36.749	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	1015720	41.998	ng	100
29) 2,4-Dichlorophenol	7.97	162	694561	43.091	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	754822	42.345	ng	100
31) Naphthalene	8.15	128	2341627	41.527	ng	99
32) Benzoic acid	7.90	122	588649	52.166	ng	97
33) 4-Chloroaniline	8.19	127	1058841	40.980	ng	98
34) Hexachlorobutadiene	8.26	225	453719	45.493	ng	99
35) Caprolactam	8.57	113	218359	41.394	ng	98
36) 4-Chloro-3-methylphenol	8.67	107	749436	42.541	ng	97
37) 2-Methylnaphthalene	8.83	142	1580190	42.700	ng	98
38) 1-Methylnaphthalene	8.93	142	1497212	42.743	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	731356	43.084	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	385001	39.894	ng		100
43) 2,4,6-Trichlorophenol	9.11	196	526981	43.381	ng		100
44) 2,4,5-Trichlorophenol	9.15	196	598104	43.952	ng		98
46) 1,1'-Biphenyl	9.30	154	1972444	41.817	ng		100
47) 2-Chloronaphthalene	9.33	162	1545072	41.818	ng		100
48) 2-Nitroaniline	9.42	65	573200	44.947	ng		94
49) Acenaphthylene	9.75	152	2332566	40.202	ng		99
50) Dimethylphthalate	9.61	163	1786765	43.435	ng		99
51) 2,6-Dinitrotoluene	9.66	165	401882	45.578	ng		88
52) Acenaphthene	9.92	154	1519217	42.001	ng		100
53) 3-Nitroaniline	9.83	138	474002	42.581	ng		99
54) 2,4-Dinitrophenol	9.93	184	189572	52.443	ng	#	87
55) Dibenzofuran	10.09	168	2146375	41.388	ng		98
56) 4-Nitrophenol	9.99	139	359493	40.937	ng		97
57) 2,4-Dinitrotoluene	10.07	165	536880	48.335	ng		93
58) Fluorene	10.43	166	1620206	42.248	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	450109	44.250	ng		99
60) Diethylphthalate	10.30	149	1857823	44.498	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	826155	44.053	ng		98
62) 4-Nitroaniline	10.45	138	473748	44.381	ng		98
63) Azobenzene	10.58	77	1745774	41.523	ng		99
65) 4,6-Dinitro-2-methylphenol	10.47	198	270283	58.012	ng		84
66) n-Nitrosodiphenylamine	10.55	169	1513784	41.501	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	551537	43.586	ng		95
68) Hexachlorobenzene	10.98	284	573103	44.251	ng		94
69) Atrazine	11.07	200	451591	45.160	ng		99
70) Pentachlorophenol	11.17	266	342983	45.166	ng		99
71) Phenanthrene	11.39	178	2376174	41.244	ng		100
72) Anthracene	11.45	178	2383441	40.705	ng		99
73) Carbazole	11.60	167	2312587	39.901	ng		99
74) Di-n-butylphthalate	11.93	149	2856297	46.070	ng		99
75) Fluoranthene	12.58	202	2535528	40.665	ng		99
77) Benzidine	12.70	184	1141201	35.820	ng		99
78) Pyrene	12.81	202	2605209	42.168	ng		99
80) Butylbenzylphthalate	13.43	149	1227048	49.105	ng		96
81) Benzo(a)anthracene	14.00	228	1995754	40.768	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	787583	40.803	ng		99
83) Chrysene	14.04	228	2055222	40.679	ng		100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1590671	53.400	ng		99
85) Di-n-octyl phthalate	14.60	149	2709431	51.718	ng		100
86) Indeno(1,2,3-cd)pyrene	16.93	276	1776467	37.335	ng		99
88) Benzo(b)fluoranthene	15.04	252	1811895	42.949	ng		99
89) Benzo(k)fluoranthene	15.08	252	1816758	45.226	ng		99
90) Benzo(a)pyrene	15.41	252	1654693	43.159	ng		98
91) Dibenzo(a,h)anthracene	16.96	278	1449856	43.235	ng		99
92) Benzo(g,h,i)perylene	17.38	276	1447042	42.953	ng		97

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

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