Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
Data File : BP002546.D
Acq On : 26 Jun 2020 10:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jun 26 12:55:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 24 13:54:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	151762	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	603315	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	358227	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	743086	20.00	ng	0.00
76) Chrysene-d12	21.10	240	613943	20.00	ng	0.00
86) Perylene-d12	23.30	264	693931	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	715544	87.25	ng	0.00
7) Phenol-d6	6.78	99	915993	83.89	ng	0.00
23) Nitrobenzene-d5	8.73	82	906886	89.77	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	304951	88.91	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1850659	86.86	ng	0.00
79) Terphenyl-d14	19.58	244	2348054	104.76	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	165363	43.771	ng	99
3) Pyridine	3.53	79	458067	44.611	ng	99
4) n-Nitrosodimethylamine	3.45	42	192733	45.548	ng	98
6) Aniline	6.92	93	619682	41.728	ng	98
8) 2-Chlorophenol	7.15	128	394252	42.752	ng	99
9) Benzaldehyde	6.73	77	234916	40.967	ng	98
10) Phenol	6.80	94	497252	41.987	ng	98
11) bis(2-Chloroethyl)ether	7.02	93	404377	40.896	ng	99
12) 1,3-Dichlorobenzene	7.48	146	455127	42.860	ng	99
13) 1,4-Dichlorobenzene	7.62	146	462534	43.293	ng	99
14) 1,2-Dichlorobenzene	7.93	146	443947	43.379	ng	99
15) Benzyl Alcohol	7.82	79	361476	42.711	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	578968	41.268	ng	100
17) 2-Methylphenol	8.03	107	366064	42.301	ng	99
18) Hexachloroethane	8.65	117	170053	43.691	ng	98
19) n-Nitroso-di-n-propylamine	8.39	70	306257	41.960	ng	99
20) 3+4-Methylphenols	8.36	107	489449	41.908	ng	98
22) Acetophenone	8.40	105	594922	43.892	ng	98
24) Nitrobenzene	8.77	77	481326	44.322	ng	100
25) Isophorone	9.29	82	879906	42.765	ng	99
26) 2-Nitrophenol	9.48	139	220769	45.622	ng	97
27) 2,4-Dimethylphenol	9.55	122	327709	43.167	ng	99
28) bis(2-Chloroethoxy)methane	9.78	93	512075	41.783	ng	100
29) 2,4-Dichlorophenol	10.02	162	374018	43.767	ng	99
30) 1,2,4-Trichlorobenzene	10.22	180	422775	44.383	ng	97
31) Naphthalene	10.40	128	1216903	43.417	ng	100
32) Benzoic acid	9.71	122	207673	34.601	ng	97
33) 4-Chloroaniline	10.52	127	522550	42.706	ng	100
34) Hexachlorobutadiene	10.70	225	258441	46.492	ng	97
35) Caprolactam	11.29	113	121936	40.456	ng	97
36) 4-Chloro-3-methylphenol	11.66	107	393428	42.549	ng	100
37) 2-Methylnaphthalene	12.03	142	854096	42.932	ng	98
38) 1-Methylnaphthalene	12.25	142	793977	42.521	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	430482	45.587	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	207823	41.396 ng	99
43) 2,4,6-Trichlorophenol	12.66	196	292751	43.805 ng	99
44) 2,4,5-Trichlorophenol	12.73	196	338961	43.801 ng	98
46) 1,1'-Biphenyl	13.06	154	1024551	43.640 ng	99
47) 2-Chloronaphthalene	13.09	162	853809	44.460 ng	99
48) 2-Nitroaniline	13.30	65	273852	44.670 ng	98
49) Acenaphthylene	13.95	152	1315905	42.931 ng	98
50) Dimethylphthalate	13.70	163	1037719	42.277 ng	100
51) 2,6-Dinitrotoluene	13.81	165	228008	42.773 ng	98
52) Acenaphthene	14.30	154	765242	42.617 ng	99
53) 3-Nitroaniline	14.14	138	254212	41.764 ng	97
54) 2,4-Dinitrophenol	14.36	184	116275	38.500 ng	98
55) Dibenzofuran	14.64	168	1227141	42.447 ng	99
56) 4-Nitrophenol	14.47	139	181510	37.558 ng	95
57) 2,4-Dinitrotoluene	14.61	165	305963	42.167 ng	99
58) Fluorene	15.29	166	918749	40.404 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	258469	42.076 ng	99
60) Diethylphthalate	15.08	149	997966	40.577 ng	98
61) 4-Chlorophenyl-phenylether	15.29	204	491016	44.262 ng	97
62) 4-Nitroaniline	15.31	138	246418	42.134 ng	100
63) Azobenzene	15.59	77	1008933	41.212 ng	98
65) 4,6-Dinitro-2-methylphenol	15.38	198	175840	44.843 ng	99
66) n-Nitrosodiphenylamine	15.51	169	837629	44.126 ng	100
67) 4-Bromophenyl-phenylether	16.19	248	320039	45.464 ng	97
68) Hexachlorobenzene	16.30	284	337413	45.171 ng	98
69) Atrazine	16.47	200	242362	39.138 ng	98
70) Pentachlorophenol	16.65	266	180279	40.340 ng	99
71) Phenanthrene	17.03	178	1520508	43.743 ng	98
72) Anthracene	17.13	178	1519726	44.011 ng	99
73) Carbazole	17.40	167	1413001	41.597 ng	99
74) Di-n-butylphthalate	17.98	149	1671381	41.577 ng	99
75) Fluoranthene	19.02	202	1737884	41.885 ng	99
77) Benzidine	19.20	184	674526	49.169 ng	99
78) Pyrene	19.37	202	1737140	46.193 ng	100
80) Butylbenzylphthalate	20.26	149	731034	43.730 ng	99
81) Benzo(a)anthracene	21.09	228	1547879	44.170 ng	100
82) 3,3'-Dichlorobenzidine	21.02	252	562055	43.157 ng	97
83) Chrysene	21.13	228	1500913	45.206 ng	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	1035490	42.583 ng	97
85) Di-n-octyl phthalate	21.90	149	1803191	42.278 ng	100
87) Indeno(1,2,3-cd)pyrene	25.52	276	1977744	45.567 ng	99
88) Benzo(b)fluoranthene	22.65	252	1616175	43.188 ng	100
89) Benzo(k)fluoranthene	22.69	252	1593551	44.818 ng	99
90) Benzo(a)pyrene	23.20	252	1541583	43.959 ng	99
91) Dibenzo(a,h)anthracene	25.53	278	1607537	46.173 ng	100
92) Benzo(g,h,i)perylene	26.20	276	1620432	44.938 ng	99

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

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