Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020320\
Data File : BP001721.D
Acq On : 03 Feb 2020 15:29
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ICVBP020320

Quant Time: Feb 03 16:47:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 15:16:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	331960	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1301373	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	764924	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	1574205	20.00	ng	0.00
76) Chrysene-d12	21.20	240	1447043	20.00	ng	0.00
87) Perylene-d12	23.45	264	1639482	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1537329	82.40	ng	0.00
7) Phenol-d6	6.89	99	1994757	81.98	ng	0.00
23) Nitrobenzene-d5	8.86	82	1807592	84.91	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	669976	85.52	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4230444	80.34	ng	0.00
79) Terphenyl-d14	19.68	244	5819162	82.06	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	308211	40.201	ng	99
3) Pyridine	3.67	79	911504	41.635	ng	99
4) n-Nitrosodimethylamine	3.59	42	328541	39.358	ng	98
6) Aniline	7.05	93	1192687	39.861	ng	99
8) 2-Chlorophenol	7.29	128	840504	41.087	ng	99
9) Benzaldehyde	6.86	77	513052	38.900	ng	100
10) Phenol	6.92	94	1012601	40.840	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	808387	40.601	ng	99
12) 1,3-Dichlorobenzene	7.62	146	1002217	40.191	ng	99
13) 1,4-Dichlorobenzene	7.76	146	1019851	40.704	ng	98
14) 1,2-Dichlorobenzene	8.07	146	966547	40.566	ng	98
15) Benzyl Alcohol	7.95	79	690041	41.870	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.25	45	969132	38.973	ng	99
17) 2-Methylphenol	8.16	107	672198	40.726	ng	99
18) Hexachloroethane	8.80	117	356368	40.862	ng	97
19) n-Nitroso-di-n-propylamine	8.53	70	601038	40.629	ng	99
20) 3+4-Methylphenols	8.49	107	911589	41.408	ng	99
22) Acetophenone	8.53	105	1281838	40.215	ng	100
24) Nitrobenzene	8.90	77	891882	41.111	ng	99
25) Isophorone	9.43	82	1615341	40.592	ng	99
26) 2-Nitrophenol	9.61	139	348869	42.901	ng	98
27) 2,4-Dimethylphenol	9.68	122	636561	40.297	ng	98
28) bis(2-Chloroethoxy)methane	9.92	93	1079294	39.889	ng	99
29) 2,4-Dichlorophenol	10.15	162	763794	41.463	ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	895587	39.633	ng	98
31) Naphthalene	10.55	128	2654651	39.998	ng	98
32) Benzoic acid	9.81	122	382334	46.568	ng	99
33) 4-Chloroaniline	10.65	127	1124503	39.688	ng	99
34) Hexachlorobutadiene	10.85	225	531276	39.561	ng	97
35) Caprolactam	11.40	113	242742	43.408	ng	99
36) 4-Chloro-3-methylphenol	11.78	107	765937	40.766	ng	98
37) 2-Methylnaphthalene	12.16	142	1839909	39.595	ng	100
38) 1-Methylnaphthalene	12.39	142	1744768	39.632	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	965043	39.655	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	432335	41.143 ng	97
43) 2,4,6-Trichlorophenol	12.78	196	580500	42.172 ng	99
44) 2,4,5-Trichlorophenol	12.85	196	607666	41.834 ng	100
46) 1,1'-Biphenyl	13.19	154	2354021	39.492 ng	98
47) 2-Chloronaphthalene	13.22	162	1840746	39.189 ng	99
48) 2-Nitroaniline	13.42	65	477070	41.984 ng	97
49) Acenaphthylene	14.07	152	2824319	39.870 ng	99
50) Dimethylphthalate	13.82	163	2252237	39.886 ng	99
51) 2,6-Dinitrotoluene	13.92	165	466442	43.083 ng	98
52) Acenaphthene	14.42	154	1802056	39.714 ng	98
53) 3-Nitroaniline	14.25	138	546527	42.862 ng	100
54) 2,4-Dinitrophenol	14.45	184	137761	45.440 ng	98
55) Dibenzofuran	14.76	168	2653441	39.541 ng	99
56) 4-Nitrophenol	14.56	139	408294	41.827 ng	93
57) 2,4-Dinitrotoluene	14.71	165	620079	41.512 ng	98
58) Fluorene	15.40	166	2152264	39.951 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.98	232	536898	42.486 ng	99
60) Diethylphthalate	15.20	149	2261523	40.046 ng	99
61) 4-Chlorophenyl-phenylether	15.41	204	1095058	40.000 ng	98
62) 4-Nitroaniline	15.42	138	576509	42.886 ng	99
63) Azobenzene	15.70	77	2042902	39.495 ng	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	207270	42.026 ng	93
66) n-Nitrosodiphenylamine	15.62	169	1857134	39.614 ng	97
67) 4-Bromophenyl-phenylether	16.30	248	657827	38.601 ng	94
68) Hexachlorobenzene	16.42	284	745213	38.319 ng	97
69) Atrazine	16.58	200	588505	41.814 ng	99
70) Pentachlorophenol	16.76	266	380780	40.094 ng	97
71) Phenanthrene	17.15	178	3334688	39.328 ng	98
72) Anthracene	17.24	178	3273996	39.901 ng	100
73) Carbazole	17.50	167	3112736	39.816 ng	100
74) Di-n-butylphthalate	18.09	149	3748064	41.048 ng	99
75) Fluoranthene	19.12	202	3807813	39.975 ng	99
77) Benzidine	19.30	184	1632409	48.023 ng	97
78) Pyrene	19.47	202	3946938	39.642 ng	98
80) Butylbenzylphthalate	20.37	149	1655260	40.171 ng	97
81) Benzo(a)anthracene	21.18	228	3841822	39.896 ng	99
82) 3,3'-Dichlorobenzidine	21.12	252	1388780	42.761 ng	99
83) Chrysene	21.23	228	3581765	39.459 ng	100
84) Bis(2-ethylhexyl)phthalate	21.15	149	2561786	41.751 ng	98
85) Di-n-octyl phthalate	22.03	149	4115185	40.738 ng	99
86) Indeno(1,2,3-cd)pyrene	25.73	276	4690065	40.723 ng	99
88) Benzo(b)fluoranthene	22.77	252	3825663	38.517 ng	97
89) Benzo(k)fluoranthene	22.82	252	3887680	41.531 ng	100
90) Benzo(a)pyrene	23.35	252	3644517	40.216 ng	99
91) Dibenzo(a,h)anthracene	25.75	278	3822337	41.276 ng	97
92) Benzo(g,h,i)perylene	26.42	276	3675903	40.224 ng	100

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

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