Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101620\
Data File : BP003644.D
Acq On : 16 Oct 2020 16:21
Operator : CG/JU
Sample : PB132419BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB132419BSD

Quant Time: Oct 16 16:53:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 12:46:19 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.540	152	92543	20.00	ng	0.00
21) Naphthalene-d8	11.387	136	362763	20.00	ng	# 0.00
39) Acenaphthene-d10	15.140	164	266814	20.00	ng	-0.01
64) Phenanthrene-d10	17.851	188	629817	20.00	ng	-0.01
76) Chrysene-d12	21.857	240	674507	20.00	ng	#-0.02
86) Perylene-d12	24.427	264	654590	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.034	112	657045	122.06	ng	0.00
7) Phenol-d6	7.687	99	921250	117.49	ng	0.00
23) Nitrobenzene-d5	9.705	82	565435	72.27	ng	0.00
42) 2,4,6-Tribromophenol	16.610	330	467493	131.42	ng	0.00
45) 2-Fluorobiphenyl	13.769	172	1291805	63.52	ng	0.00
79) Terphenyl-d14	20.316	244	2367455	63.50	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.687	88	80592	34.95	ng	# 87
3) Pyridine	4.128	79	230492	34.30	ng	# 89
4) n-Nitrosodimethylamine	4.023	42	119349	41.33	ng	# 62
6) Aniline	7.834	93	294300	32.07	ng	# 87
8) 2-Chlorophenol	8.105	128	261216	47.73	ng	82
9) Benzaldehyde	7.634	77	140875	33.64	ng	# 75
10) Phenol	7.711	94	364525	48.14	ng	77
11) bis(2-Chloroethyl)ether	7.916	93	255110	41.97	ng	89
12) 1,3-Dichlorobenzene	8.434	146	280701	39.45	ng	# 92
13) 1,4-Dichlorobenzene	8.575	146	285916	40.05	ng	# 94
14) 1,2-Dichlorobenzene	8.910	146	278118	40.62	ng	# 93
15) Benzyl Alcohol	8.769	79	296411	47.06	ng	# 82
16) 2,2'-oxybis(1-Chloropr...	9.063	45	238205	38.27	ng	99
17) 2-Methylphenol	8.987	107	243873	47.53	ng	# 88
18) Hexachloroethane	9.663	117	110757	39.91	ng	98
19) n-Nitroso-di-n-propyla...	9.340	70	223194	42.70	ng	# 85
20) 3+4-Methylphenols	9.316	107	332871	48.73	ng	89
22) Acetophenone	9.358	105	434154	40.54	ng	# 87
24) Nitrobenzene	9.746	77	342422	44.46	ng	# 74
25) Isophorone	10.275	82	618611	42.37	ng	# 88
26) 2-Nitrophenol	10.475	139	139037	59.69	ng	# 60
27) 2,4-Dimethylphenol	10.528	122	259741	53.98	ng	# 85
28) bis(2-Chloroethoxy)met...	10.746	93	352604	39.28	ng	96
29) 2,4-Dichlorophenol	11.028	162	288081	47.97	ng	95
30) 1,2,4-Trichlorobenzene	11.252	180	309099	38.80	ng	98
31) Naphthalene	11.434	128	790885	40.66	ng	99
32) Benzoic acid	10.669	122	157478	58.86	ng	# 63
33) 4-Chloroaniline	11.516	127	205665	24.49	ng	# 85
34) Hexachlorobutadiene	11.746	225	222928	37.75	ng	100
35) Caprolactam	12.246	113	90989	47.81	ng	# 55
36) 4-Chloro-3-methylphenol	12.616	107	335590	48.96	ng	# 82
37) 2-Methylnaphthalene	13.004	142	610042	42.16	ng	# 94
38) 1-Methylnaphthalene	13.216	142	567676	41.73	ng	# 98
40) 1,2,4,5-Tetrachloroben...	13.375	216	402644	39.80	ng	98
41) Hexachlorocyclopentadiene	13.369	237	540431	95.86	ng	99
43) 2,4,6-Trichlorophenol	13.593	196	259571	46.27	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.669	196	283384	48.10	ng	#	95
46) 1,1'-Biphenyl	13.975	154	814766	39.52	ng		98
47) 2-Chloronaphthalene	14.028	162	654315	38.12	ng		97
48) 2-Nitroaniline	14.198	65	213324	44.07	ng	#	58
49) Acenaphthylene	14.863	152	1005889	40.23	ng		100
50) Dimethylphthalate	14.563	163	884619	40.38	ng		99
51) 2,6-Dinitrotoluene	14.675	165	192505	48.79	ng	#	64
52) Acenaphthene	15.204	154	735103	45.13	ng	#	82
53) 3-Nitroaniline	15.004	138	124200	31.22	ng	#	66
54) 2,4-Dinitrophenol	15.204	184	193574	90.63	ng	#	1
55) Dibenzofuran	15.528	168	1024220	40.46	ng		97
56) 4-Nitrophenol	15.310	139	301724	105.63	ng	#	36
57) 2,4-Dinitrotoluene	15.457	165	267017	46.56	ng	#	64
58) Fluorene	16.169	166	849644	41.48	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.751	232	272396	50.28	ng		94
60) Diethylphthalate	15.904	149	885907	41.14	ng		98
61) 4-Chlorophenyl-phenyle...	16.145	204	494089	40.72	ng		96
62) 4-Nitroaniline	16.157	138	184942	41.78	ng	#	55
63) Azobenzene	16.434	77	840167	40.55	ng		85
65) 4,6-Dinitro-2-methylph...	16.228	198	145315	52.58	ng		89
66) n-Nitrosodiphenylamine	16.351	169	750501	39.90	ng		98
67) 4-Bromophenyl-phenylether	17.034	248	320962	38.82	ng		98
68) Hexachlorobenzene	17.192	284	366513	38.82	ng		97
69) Atrazine	17.269	200	262876	35.85	ng		98
70) Pentachlorophenol	17.516	266	460509	107.21	ng		99
71) Phenanthrene	17.892	178	1389386	39.71	ng		99
72) Anthracene	17.981	178	1411249	41.35	ng		99
73) Carbazole	18.228	167	1242888	40.33	ng		99
74) Di-n-butylphthalate	18.728	149	1506502	40.13	ng	#	98
75) Fluoranthene	19.804	202	1778588	41.06	ng		97
77) Benzidine	19.939	184	704342	44.54	ng		100
78) Pyrene	20.151	202	1783324	39.78	ng		98
80) Butylbenzylphthalate	20.951	149	653878	41.76	ng	#	77
81) Benzo(a)anthracene	21.839	228	1792068	39.51	ng		98
82) 3,3'-Dichlorobenzidine	21.745	252	465768	29.05	ng	#	98
83) Chrysene	21.898	228	1697546	39.56	ng		99
84) Bis(2-ethylhexyl)phtha...	21.698	149	969930	40.82	ng		99
85) Di-n-octyl phthalate	22.663	149	1649506	42.99	ng	#	91
87) Indeno(1,2,3-cd)pyrene	27.121	276	2030814	40.88	ng	#	91
88) Benzo(b)fluoranthene	23.645	252	1887702	41.50	ng	#	97
89) Benzo(k)fluoranthene	23.692	252	1763652	41.30	ng	#	96
90) Benzo(a)pyrene	24.316	252	1621035	39.57	ng	#	96
91) Dibenzo(a,h)anthracene	27.121	278	1730309	41.76	ng	#	93
92) Benzo(g,h,i)perylene	27.951	276	1646528	42.10	ng	#	91

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

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