Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009600.D
Acq On : 29 Mar 2022 18:31
Operator : CG/JU
Sample : N2095-15MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-15-5.0-6.0MSD

Quant Time: Mar 30 04:09:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 04:00:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	253430	20.000	ng		0.00
21) Naphthalene-d8	10.551	136	996843	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	611803	20.000	ng		0.00
64) Phenanthrene-d10	17.175	188	1253902	20.000	ng		0.00
76) Chrysene-d12	21.292	240	1499069	20.000	ng		0.00
86) Perylene-d12	23.680	264	1677330	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1651009	113.741	ng		0.00
7) Phenol-d6	6.952	99	2128162	108.413	ng		0.00
23) Nitrobenzene-d5	8.916	82	1296166	69.097	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	913810	90.514	ng		0.00
45) 2-Fluorobiphenyl	13.028	172	2900338	65.719	ng		0.00
79) Terphenyl-d14	19.751	244	4388646	52.547	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	234907	40.858	ng		97
3) Pyridine	3.687	79	680275	43.932	ng		98
4) n-Nitrosodimethylamine	3.599	42	279806	49.065	ng		96
6) Aniline	7.093	93	914375	40.870	ng		98
8) 2-Chlorophenol	7.334	128	787914	47.602	ng		97
9) Benzaldehyde	6.904	77	369365	39.158	ng		97
10) Phenol	6.981	94	969053	49.206	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	735599	47.197	ng		99
12) 1,3-Dichlorobenzene	7.652	146	831172	44.492	ng		99
13) 1,4-Dichlorobenzene	7.793	146	848234	44.409	ng		100
14) 1,2-Dichlorobenzene	8.110	146	812683	44.020	ng		99
15) Benzyl Alcohol	8.010	79	660500	42.202	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.293	45	812179	48.072	ng		97
17) 2-Methylphenol	8.222	107	627955	46.271	ng		99
18) Hexachloroethane	8.834	117	298026	44.522	ng		94
19) n-Nitroso-di-n-propyla...	8.569	70	549303	44.241	ng		99
20) 3+4-Methylphenols	8.551	107	859001	46.033	ng		99
22) Acetophenone	8.587	105	1092170	44.267	ng	#	98
24) Nitrobenzene	8.957	77	817999	46.161	ng		99
25) Isophorone	9.493	82	1533933	47.939	ng		98
26) 2-Nitrophenol	9.669	139	415327	44.965	ng		97
27) 2,4-Dimethylphenol	9.746	122	692558	53.136	ng		98
28) bis(2-Chloroethoxy)met...	9.969	93	934180	44.839	ng		99
29) 2,4-Dichlorophenol	10.222	162	729927	45.913	ng		98
30) 1,2,4-Trichlorobenzene	10.422	180	781654	42.437	ng		98
31) Naphthalene	10.604	128	2265389	44.119	ng		100
32) Benzoic acid	9.934	122	500990	49.165	ng		93
33) 4-Chloroaniline	10.728	127	582404	27.796	ng		98
34) Hexachlorobutadiene	10.893	225	496726	39.801	ng		99
35) Caprolactam	11.522	113	227724	42.443	ng		98
36) 4-Chloro-3-methylphenol	11.869	107	745395	43.632	ng		99
37) 2-Methylnaphthalene	12.222	142	1576805	43.767	ng		99
38) 1-Methylnaphthalene	12.440	142	1510753	43.046	ng		100
40) 1,2,4,5-Tetrachloroben...	12.598	216	889578	43.824	ng		99
41) Hexachlorocyclopentadiene	12.575	237	687939	78.051	ng		99
43) 2,4,6-Trichlorophenol	12.845	196	595243	44.241	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	647532	44.319	ng	97
46) 1,1'-Biphenyl	13.239	154	2047042	44.851	ng	99
47) 2-Chloronaphthalene	13.281	162	1591182	44.281	ng	99
48) 2-Nitroaniline	13.492	65	453617	46.350	ng	96
49) Acenaphthylene	14.128	152	2635748	47.515	ng	100
50) Dimethylphthalate	13.875	163	1970907	42.515	ng	99
51) 2,6-Dinitrotoluene	13.992	165	439598	45.259	ng	96
52) Acenaphthene	14.475	154	1466952	44.270	ng	99
53) 3-Nitroaniline	14.322	138	387859	37.806	ng	99
54) 2,4-Dinitrophenol	14.539	184	502517	83.075	ng	98
55) Dibenzofuran	14.810	168	2390694	42.945	ng	100
56) 4-Nitrophenol	14.663	139	710086	92.854	ng	97
57) 2,4-Dinitrotoluene	14.786	165	598203	44.791	ng	99
58) Fluorene	15.463	166	1887404	43.109	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	541795	40.904	ng	95
60) Diethylphthalate	15.245	149	1952034	42.072	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	997490	41.359	ng	97
62) 4-Nitroaniline	15.492	138	431196	40.021	ng	97
63) Azobenzene	15.751	77	1800257	44.604	ng	99
65) 4,6-Dinitro-2-methylph...	15.557	198	334843	41.529	ng	98
66) n-Nitrosodiphenylamine	15.675	169	1668719	44.971	ng	98
67) 4-Bromophenyl-phenylether	16.357	248	641086	41.782	ng	95
68) Hexachlorobenzene	16.480	284	725184	41.066	ng	97
69) Atrazine	16.645	200	613181	47.001	ng	97
70) Pentachlorophenol	16.833	266	834203	88.372	ng	98
71) Phenanthrene	17.216	178	2997800	44.662	ng	100
72) Anthracene	17.310	178	3059902	46.173	ng	100
73) Carbazole	17.586	167	2786213	42.990	ng	99
74) Di-n-butylphthalate	18.145	149	3409474	44.892	ng	99
75) Fluoranthene	19.198	202	3599857	44.300	ng	99
77) Benzidine	19.386	184	1550429	42.195	ng	99
78) Pyrene	19.551	202	3780766	38.274	ng	99
80) Butylbenzylphthalate	20.439	149	1616607	38.503	ng	94
81) Benzo(a)anthracene	21.274	228	3951983	40.127	ng	100
82) 3,3'-Dichlorobenzidine	21.210	252	1352369	35.545	ng	99
83) Chrysene	21.327	228	3663538	39.283	ng	99
84) Bis(2-ethylhexyl)phtha...	21.210	149	2294647	39.209	ng	99
85) Di-n-octyl phthalate	22.127	149	4187600	41.513	ng	98
87) Indeno(1,2,3-cd)pyrene	26.180	276	4827089	37.932	ng	96
88) Benzo(b)fluoranthene	22.957	252	4530167	45.242	ng	99
89) Benzo(k)fluoranthene	23.004	252	4268256	43.536	ng	98
90) Benzo(a)pyrene	23.580	252	4279808	49.956	ng	98
91) Dibenzo(a,h)anthracene	26.192	278	4196620	39.569	ng	97
92) Benzo(g,h,i)perylene	26.939	276	4198926	40.245	ng	96

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

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