Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009510.D
Acq On : 23 Mar 2022 17:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Mar 24 06:12:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 01:19:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	417702	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	1735952	20.000	ng	0.00
39) Acenaphthene-d10	14.433	164	1177165	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	2553165	20.000	ng	0.00
76) Chrysene-d12	21.315	240	2429439	20.000	ng	0.00
86) Perylene-d12	23.715	264	2232641	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1956256	81.769	ng	0.00
7) Phenol-d6	6.981	99	2724526	84.209	ng	0.00
23) Nitrobenzene-d5	8.946	82	2620421	80.216	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	1395652	71.847	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	6361919	74.921	ng	0.00
79) Terphenyl-d14	19.780	244	10488299	77.488	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	402276	42.452	ng	97
3) Pyridine	3.716	79	1128079	44.201	ng	99
4) n-Nitrosodimethylamine	3.628	42	417268	44.394	ng	98
6) Aniline	7.122	93	1576095	42.742	ng	98
8) 2-Chlorophenol	7.357	128	1107576	40.599	ng	98
9) Benzaldehyde	6.934	77	656313	42.961	ng	96
10) Phenol	7.004	94	1369667	42.197	ng	98
11) bis(2-Chloroethyl)ether	7.216	93	1095216	42.634	ng	97
12) 1,3-Dichlorobenzene	7.681	146	1214349	39.439	ng	98
13) 1,4-Dichlorobenzene	7.822	146	1237219	39.300	ng	99
14) 1,2-Dichlorobenzene	8.140	146	1202561	39.521	ng	99
15) Benzyl Alcohol	8.040	79	1069222	41.449	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1287909	46.251	ng	98
17) 2-Methylphenol	8.246	107	938510	41.958	ng	99
18) Hexachloroethane	8.863	117	434760	39.406	ng	96
19) n-Nitroso-di-n-propyla...	8.598	70	912826	44.606	ng	99
20) 3+4-Methylphenols	8.575	107	1317751	42.845	ng	99
22) Acetophenone	8.610	105	1721615	40.069	ng	99
24) Nitrobenzene	8.987	77	1240141	40.187	ng	98
25) Isophorone	9.522	82	2391669	42.922	ng	99
26) 2-Nitrophenol	9.698	139	654842	40.711	ng	96
27) 2,4-Dimethylphenol	9.775	122	949522	41.834	ng	99
28) bis(2-Chloroethoxy)met...	9.998	93	1545746	42.605	ng	99
29) 2,4-Dichlorophenol	10.245	162	1126723	40.697	ng	98
30) 1,2,4-Trichlorobenzene	10.451	180	1233182	38.445	ng	99
31) Naphthalene	10.634	128	3522678	39.395	ng	100
32) Benzoic acid	9.969	122	729557	41.112	ng	92
33) 4-Chloroaniline	10.745	127	1532468	41.999	ng	98
34) Hexachlorobutadiene	10.922	225	789893	36.344	ng	100
35) Caprolactam	11.557	113	415985	44.520	ng	97
36) 4-Chloro-3-methylphenol	11.892	107	1236759	41.571	ng	99
37) 2-Methylnaphthalene	12.251	142	2557890	40.770	ng	99
38) 1-Methylnaphthalene	12.469	142	2504314	40.974	ng	99
40) 1,2,4,5-Tetrachloroben...	12.622	216	1447436	37.059	ng	99
41) Hexachlorocyclopentadiene	12.604	237	626835	40.799	ng	100
43) 2,4,6-Trichlorophenol	12.869	196	1020195	39.408	ng	99

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Misc :
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	1113600	39.612	ng		97
46) 1,1'-Biphenyl	13.263	154	3385418	38.551	ng		99
47) 2-Chloronaphthalene	13.304	162	2658247	38.448	ng		99
48) 2-Nitroaniline	13.516	65	787404	41.815	ng		93
49) Acenaphthylene	14.151	152	4191694	39.273	ng		100
50) Dimethylphthalate	13.898	163	3522580	39.492	ng		100
51) 2,6-Dinitrotoluene	14.016	165	754117	40.351	ng		98
52) Acenaphthene	14.498	154	2506411	39.312	ng		99
53) 3-Nitroaniline	14.345	138	833794	42.239	ng		94
54) 2,4-Dinitrophenol	14.563	184	447276	40.866	ng		98
55) Dibenzofuran	14.833	168	4186021	39.081	ng		99
56) 4-Nitrophenol	14.681	139	624785	42.461	ng		99
57) 2,4-Dinitrotoluene	14.810	165	1050649	40.886	ng		97
58) Fluorene	15.486	166	3284097	38.985	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.075	232	1002699	39.343	ng		96
60) Diethylphthalate	15.269	149	3541557	39.671	ng		99
61) 4-Chlorophenyl-phenyle...	15.486	204	1776529	38.284	ng		95
62) 4-Nitroaniline	15.516	138	866562	41.801	ng		99
63) Azobenzene	15.780	77	3298139	42.470	ng		98
65) 4,6-Dinitro-2-methylph...	15.580	198	694511	42.303	ng		96
66) n-Nitrosodiphenylamine	15.704	169	2965638	39.251	ng		99
67) 4-Bromophenyl-phenylether	16.386	248	1177926	37.703	ng		93
68) Hexachlorobenzene	16.504	284	1321345	36.748	ng		96
69) Atrazine	16.669	200	1103331	41.534	ng		98
70) Pentachlorophenol	16.857	266	798870	41.563	ng		99
71) Phenanthrene	17.239	178	5368977	39.284	ng		99
72) Anthracene	17.333	178	5368336	39.783	ng		99
73) Carbazole	17.610	167	5323012	40.336	ng		100
74) Di-n-butylphthalate	18.169	149	6325921	40.906	ng		99
75) Fluoranthene	19.221	202	6487434	39.208	ng		99
77) Benzidine	19.404	184	1608321	27.008	ng		99
78) Pyrene	19.574	202	6622985	41.371	ng		99
80) Butylbenzylphthalate	20.457	149	2880366	42.331	ng		98
81) Benzo(a)anthracene	21.298	228	6386505	40.013	ng		99
82) 3,3'-Dichlorobenzidine	21.233	252	2298281	37.273	ng		98
83) Chrysene	21.351	228	5887849	38.956	ng		99
84) Bis(2-ethylhexyl)phtha...	21.233	149	3967216	41.829	ng	#	98
85) Di-n-octyl phthalate	22.157	149	6623941	40.518	ng		98
87) Indeno(1,2,3-cd)pyrene	26.227	276	5556970	32.807	ng		96
88) Benzo(b)fluoranthene	22.986	252	5548378	41.629	ng		99
89) Benzo(k)fluoranthene	23.039	252	5613753	43.018	ng		98
90) Benzo(a)pyrene	23.609	252	4600645	40.345	ng		98
91) Dibenzo(a,h)anthracene	26.245	278	4646016	32.911	ng		97
92) Benzo(g,h,i)perylene	26.986	276	4415495	31.794	ng		96

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

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