Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010522\
Data File : BP008688.D
Acq On : 05 Jan 2022 12:45
Operator : CG/JU
Sample : PB141778BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 06 03:01:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 08:44:33 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB141778BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.887	152	509830	20.000	ng		-0.01
21) Naphthalene-d8	10.687	136	2050767	20.000	ng		-0.01
39) Acenaphthene-d10	14.522	164	1383412	20.000	ng		0.00
64) Phenanthrene-d10	17.269	188	2840317	20.000	ng		0.00
76) Chrysene-d12	21.357	240	2160145	20.000	ng		0.00
86) Perylene-d12	23.774	264	1764185	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	3829153	137.089	ng		0.00
7) Phenol-d6	7.063	99	4715697	121.293	ng		0.00
23) Nitrobenzene-d5	9.046	82	2813219	81.606	ng		-0.01
42) 2,4,6-Tribromophenol	16.016	330	2730051	145.859	ng		0.00
45) 2-Fluorobiphenyl	13.145	172	7806744	81.758	ng		-0.01
79) Terphenyl-d14	19.827	244	11106945	104.984	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	368064	32.619	ng		99
3) Pyridine	3.769	79	891864	28.975	ng		99
4) n-Nitrosodimethylamine	3.675	42	435072	43.775	ng		99
6) Aniline	7.210	93	1036671	22.942	ng		98
8) 2-Chlorophenol	7.452	128	1553368	47.212	ng		100
9) Benzaldehyde	7.022	77	834423	37.710	ng		99
10) Phenol	7.093	94	1779057	45.327	ng		98
11) bis(2-Chloroethyl)ether	7.310	93	1307493	41.304	ng		99
12) 1,3-Dichlorobenzene	7.775	146	1614955	41.932	ng		100
13) 1,4-Dichlorobenzene	7.922	146	1662078	42.428	ng		100
14) 1,2-Dichlorobenzene	8.240	146	1597320	41.737	ng		99
15) Benzyl Alcohol	8.128	79	1225644	44.012	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.422	45	1362385	37.822	ng		98
17) 2-Methylphenol	8.340	107	1227461	44.941	ng		99
18) Hexachloroethane	8.969	117	549813	43.049	ng		96
19) n-Nitroso-di-n-propyla...	8.699	70	951799	38.336	ng		99
20) 3+4-Methylphenols	8.669	107	1659784	43.256	ng		99
22) Acetophenone	8.710	105	2076115	42.218	ng	#	99
24) Nitrobenzene	9.087	77	1441421	43.903	ng		100
25) Isophorone	9.622	82	2618625	40.662	ng		99
26) 2-Nitrophenol	9.798	139	841828	53.985	ng		99
27) 2,4-Dimethylphenol	9.869	122	1381830	49.108	ng		99
28) bis(2-Chloroethoxy)met...	10.098	93	1711756	38.392	ng		99
29) 2,4-Dichlorophenol	10.340	162	1575444	46.260	ng		99
30) 1,2,4-Trichlorobenzene	10.551	180	1680736	41.853	ng		100
31) Naphthalene	10.740	128	4440742	41.719	ng		100
32) Benzoic acid	10.040	122	962921	54.180	ng		99
33) 4-Chloroaniline	10.845	127	470515	10.309	ng		100
34) Hexachlorobutadiene	11.034	225	1028160	42.173	ng		99
35) Caprolactam	11.651	113	466989	41.718	ng		95
36) 4-Chloro-3-methylphenol	11.981	107	1470500	43.196	ng		100
37) 2-Methylnaphthalene	12.351	142	3395602	42.381	ng		99
38) 1-Methylnaphthalene	12.569	142	3104441	39.631	ng		99
40) 1,2,4,5-Tetrachloroben...	12.722	216	1975892	45.336	ng		99
41) Hexachlorocyclopentadiene	12.704	237	2459350	106.116	ng		100
43) 2,4,6-Trichlorophenol	12.957	196	1333879	47.040	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	1455869	46.499	ng	99
46) 1,1'-Biphenyl	13.357	154	4434450	43.337	ng	99
47) 2-Chloronaphthalene	13.398	162	3436878	42.858	ng	99
48) 2-Nitroaniline	13.598	65	814596	46.338	ng	98
49) Acenaphthylene	14.239	152	5310829	43.114	ng	100
50) Dimethylphthalate	13.981	163	4316721	40.513	ng	100
51) 2,6-Dinitrotoluene	14.092	165	983769	44.994	ng	100
52) Acenaphthene	14.586	154	3697374m	45.876	ng	
53) 3-Nitroaniline	14.422	138	372891	16.386	ng	100
54) 2,4-Dinitrophenol	14.628	184	964702	99.063	ng	99
55) Dibenzofuran	14.922	168	5208766	40.314	ng	99
56) 4-Nitrophenol	14.745	139	1537207	85.783	ng	97
57) 2,4-Dinitrotoluene	14.881	165	1351696	46.333	ng	98
58) Fluorene	15.569	166	4155228	41.270	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	1270185m	45.283	ng	
60) Diethylphthalate	15.345	149	4181684	40.149	ng	100
61) 4-Chlorophenyl-phenyle...	15.563	204	2283240	40.709	ng	100
62) 4-Nitroaniline	15.586	138	907379	39.262	ng	98
63) Azobenzene	15.857	77	3298252	39.236	ng	99
65) 4,6-Dinitro-2-methylph...	15.645	198	663677	46.468	ng	98
66) n-Nitrosodiphenylamine	15.781	169	3726501	43.473	ng	99
67) 4-Bromophenyl-phenylether	16.457	248	1514217	48.722	ng	98
68) Hexachlorobenzene	16.580	284	1754351	45.985	ng	97
69) Atrazine	16.733	200	1396328	43.547	ng	100
70) Pentachlorophenol	16.928	266	1987317	95.640	ng	100
71) Phenanthrene	17.316	178	6556031	42.813	ng	99
72) Anthracene	17.404	178	6649788	44.567	ng	99
73) Carbazole	17.675	167	5823445	39.765	ng	100
74) Di-n-butylphthalate	18.227	149	7005394	43.724	ng	100
75) Fluoranthene	19.274	202	7360688	41.789	ng	99
77) Benzidine	19.451	184	1375396	21.193	ng	98
78) Pyrene	19.627	202	7340246	52.233	ng	99
80) Butylbenzylphthalate	20.504	149	2845187	50.760	ng	95
81) Benzo(a)anthracene	21.339	228	5947835	42.443	ng	98
82) 3,3'-Dichlorobenzidine	21.268	252	1426872	27.692	ng	98
83) Chrysene	21.392	228	5711843	43.589	ng	98
84) Bis(2-ethylhexyl)phtha...	21.268	149	3987562	47.094	ng	99
85) Di-n-octyl phthalate	22.198	149	6040772	46.091	ng	99
87) Indeno(1,2,3-cd)pyrene	26.304	276	6018883	50.791	ng	98
88) Benzo(b)fluoranthene	23.039	252	5097517	44.930	ng	100
89) Benzo(k)fluoranthene	23.086	252	4946802	43.860	ng	99
90) Benzo(a)pyrene	23.668	252	4749433	51.927	ng	99
91) Dibenzo(a,h)anthracene	26.327	278	5136357	51.380	ng	98
92) Benzo(g,h,i)perylene	27.086	276	5199206	55.619	ng	98

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

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