Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008658.D
Acq On : 04 Jan 2022 12:56
Operator : CG/JU
Sample : M5198-16MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 04 13:33:37 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 :
TP-1-5MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.887	152	584789	20.000	ng		-0.01
21) Naphthalene-d8	10.687	136	2104986	20.000	ng		-0.01
39) Acenaphthene-d10	14.516	164	1177361	20.000	ng		-0.01
64) Phenanthrene-d10	17.269	188	2114213	20.000	ng		0.00
76) Chrysene-d12	21.351	240	1778287	20.000	ng		-0.01
86) Perylene-d12	23.768	264	2045227	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	3735866	116.605	ng		0.00
7) Phenol-d6	7.063	99	4020710	90.161	ng		0.00
23) Nitrobenzene-d5	9.046	82	2883287	81.484	ng		-0.01
42) 2,4,6-Tribromophenol	16.010	330	1923411	120.747	ng		0.00
45) 2-Fluorobiphenyl	13.145	172	7110227	87.496	ng		-0.01
79) Terphenyl-d14	19.822	244	8223353	94.419	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	486977	37.625	ng	#	48
3) Pyridine	3.787	79	898733	25.455	ng		100
4) n-Nitrosodimethylamine	3.687	42	495063	43.426	ng		99
6) Aniline	7.216	93	827083	15.957	ng		100
8) 2-Chlorophenol	7.458	128	1545440	40.950	ng		99
9) Benzaldehyde	7.022	77	628467	24.761	ng		100
10) Phenol	7.087	94	1511836	33.581	ng		98
11) bis(2-Chloroethyl)ether	7.310	93	1491329	41.073	ng		99
12) 1,3-Dichlorobenzene	7.781	146	1776433	40.212	ng		99
13) 1,4-Dichlorobenzene	7.922	146	1807874	40.234	ng		99
14) 1,2-Dichlorobenzene	8.240	146	1727585	39.354	ng		99
15) Benzyl Alcohol	8.128	79	1168402	36.579	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.422	45	1489644	36.054	ng		99
17) 2-Methylphenol	8.334	107	1141929	36.450	ng		99
18) Hexachloroethane	8.969	117	598285	40.839	ng		97
19) n-Nitroso-di-n-propyla...	8.699	70	945781	33.211	ng		98
20) 3+4-Methylphenols	8.663	107	1472958	33.467	ng		99
22) Acetophenone	8.710	105	2116572	41.932	ng	#	99
24) Nitrobenzene	9.087	77	1459771	43.317	ng		98
25) Isophorone	9.616	82	2423186	36.658	ng		99
26) 2-Nitrophenol	9.799	139	805374	50.317	ng		100
27) 2,4-Dimethylphenol	9.869	122	1251819	43.342	ng		99
28) bis(2-Chloroethoxy)met...	10.099	93	1708244	37.326	ng		100
29) 2,4-Dichlorophenol	10.340	162	1399634	40.039	ng		99
30) 1,2,4-Trichlorobenzene	10.551	180	1730096	41.972	ng		99
31) Naphthalene	10.740	128	4506673	41.248	ng		100
32) Benzoic acid	9.952	122	81254	4.454	ng		95
33) 4-Chloroaniline	10.846	127	399341	8.524	ng		99
34) Hexachlorobutadiene	11.034	225	1068252	42.689	ng		99
35) Caprolactam	11.634	113	261250	22.737	ng		98
36) 4-Chloro-3-methylphenol	11.975	107	1163195	33.289	ng		99
37) 2-Methylnaphthalene	12.345	142	3228951	39.263	ng		99
38) 1-Methylnaphthalene	12.563	142	2957902	36.787	ng		100
40) 1,2,4,5-Tetrachloroben...	12.716	216	1880629	50.702	ng		99
41) Hexachlorocyclopentadiene	12.704	237	1967795	99.766	ng		99
43) 2,4,6-Trichlorophenol	12.957	196	1076810	44.620	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	1128626	42.356	ng	99
46) 1,1'-Biphenyl	13.357	154	4055455	46.570	ng	99
47) 2-Chloronaphthalene	13.393	162	3083214	45.176	ng	100
48) 2-Nitroaniline	13.592	65	636069	42.515	ng	99
49) Acenaphthylene	14.240	152	4515495	43.073	ng	99
50) Dimethylphthalate	13.981	163	3384401	37.322	ng	100
51) 2,6-Dinitrotoluene	14.087	165	755080	40.579	ng	100
52) Acenaphthene	14.581	154	2834808	41.329	ng	100
53) 3-Nitroaniline	14.416	138	386148	19.939	ng	100
54) 2,4-Dinitrophenol	14.622	184	138529	16.715	ng	98
55) Dibenzofuran	14.916	168	4403659	40.048	ng	100
56) 4-Nitrophenol	14.734	139	925820	60.707	ng	97
57) 2,4-Dinitrotoluene	14.875	165	976361	39.325	ng	98
58) Fluorene	15.569	166	3410247	39.799	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.145	232	919629m	38.524	ng	
60) Diethylphthalate	15.345	149	3157881	35.626	ng	99
61) 4-Chlorophenyl-phenyle...	15.563	204	1850111	38.760	ng	99
62) 4-Nitroaniline	15.581	138	605348	30.777	ng	99
63) Azobenzene	15.851	77	2643588	36.952	ng	97
65) 4,6-Dinitro-2-methylph...	15.639	198	193779	18.227	ng	97
66) n-Nitrosodiphenylamine	15.775	169	2877160	45.092	ng	99
67) 4-Bromophenyl-phenylether	16.457	248	1158500	50.078	ng	99
68) Hexachlorobenzene	16.575	284	1317296	46.388	ng	98
69) Atrazine	16.734	200	969706	40.628	ng	98
70) Pentachlorophenol	16.922	266	1300070	84.054	ng	100
71) Phenanthrene	17.310	178	5010395	43.957	ng	98
72) Anthracene	17.398	178	5014011	45.145	ng	100
73) Carbazole	17.669	167	4179437	38.340	ng	99
74) Di-n-butylphthalate	18.228	149	4978980	41.748	ng	99
75) Fluoranthene	19.275	202	5345937	40.774	ng	97
77) Benzidine	19.451	184	997555	18.672	ng	99
78) Pyrene	19.627	202	5415188	46.809	ng	98
80) Butylbenzylphthalate	20.504	149	2054544	44.525	ng	94
81) Benzo(a)anthracene	21.333	228	4830481	41.871	ng	98
82) 3,3'-Dichlorobenzidine	21.263	252	1438957	33.923	ng	99
83) Chrysene	21.386	228	4738468	43.926	ng	97
84) Bis(2-ethylhexyl)phtha...	21.269	149	3079385	44.178	ng	99
85) Di-n-octyl phthalate	22.198	149	5224305	48.421	ng	100
87) Indeno(1,2,3-cd)pyrene	26.292	276	7683601	55.929	ng	99
88) Benzo(b)fluoranthene	23.033	252	5570284	42.351	ng	99
89) Benzo(k)fluoranthene	23.080	252	5185822	39.661	ng	99
90) Benzo(a)pyrene	23.663	252	5416586	51.084	ng	99
91) Dibenzo(a,h)anthracene	26.315	278	6567149	56.665	ng	99
92) Benzo(g,h,i)perylene	27.068	276	6530724	60.263	ng	99

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

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