Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
Data File : BP020587.D
Acq On : 11 Jun 2024 14:12
Operator : MA/JU
Sample : PB161393BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 11 14:50:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB161393BSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.758	152	284542	20.000	ng		-0.01
21) Naphthalene-d8	10.522	136	963896	20.000	ng		-0.01
39) Acenaphthene-d10	14.375	164	518185	20.000	ng		-0.02
64) Phenanthrene-d10	17.181	188	1020812	20.000	ng		-0.02
76) Chrysene-d12	21.639	240	1027568	20.000	ng		-0.03
86) Perylene-d12	24.980	264	1224831	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	2023751	127.342	ng		0.00
7) Phenol-d6	6.940	99	2372035	105.838	ng		0.00
23) Nitrobenzene-d5	8.911	82	1499749	85.171	ng		-0.01
42) 2,4,6-Tribromophenol	15.898	330	839085	156.029	ng		-0.01
45) 2-Fluorobiphenyl	12.993	172	3096132	89.070	ng		-0.01
79) Terphenyl-d14	19.922	244	4787510	77.561	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	249612	38.872	ng		95
3) Pyridine	3.723	79	604327	33.472	ng		93
4) n-Nitrosodimethylamine	3.634	42	339308	38.693	ng		91
6) Aniline	7.099	93	497783	21.919	ng		97
8) 2-Chlorophenol	7.328	128	749835	42.090	ng		98
9) Benzaldehyde	6.917	77	417416m	29.035	ng		
10) Phenol	6.969	94	873843	38.064	ng		99
11) bis(2-Chloroethyl)ether	7.193	93	725768	38.335	ng		99
12) 1,3-Dichlorobenzene	7.652	146	898002	42.783	ng		98
13) 1,4-Dichlorobenzene	7.793	146	913724	42.831	ng		98
14) 1,2-Dichlorobenzene	8.105	146	851621	41.364	ng		98
15) Benzyl Alcohol	7.999	79	611698	36.950	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.269	45	978354	34.613	ng		97
17) 2-Methylphenol	8.199	107	567159	36.406	ng		98
18) Hexachloroethane	8.822	117	335576	43.079	ng		94
19) n-Nitroso-di-n-propyla...	8.558	70	500732	32.728	ng		98
20) 3+4-Methylphenols	8.522	107	749827	35.387	ng		98
22) Acetophenone	8.575	105	1045422	43.694	ng	#	98
24) Nitrobenzene	8.946	77	757691	42.399	ng		98
25) Isophorone	9.469	82	1323378	38.681	ng		99
26) 2-Nitrophenol	9.646	139	369130	51.883	ng		98
27) 2,4-Dimethylphenol	9.710	122	454276	43.951	ng		99
28) bis(2-Chloroethoxy)met...	9.940	93	846029	40.233	ng		99
29) 2,4-Dichlorophenol	10.175	162	613328	44.231	ng		98
30) 1,2,4-Trichlorobenzene	10.387	180	765779	46.518	ng		99
31) Naphthalene	10.569	128	2119931	43.022	ng		100
32) Benzoic acid	9.852	122	427761	44.196	ng		95
33) 4-Chloroaniline	10.687	127	306318	16.070	ng		98
34) Hexachlorobutadiene	10.852	225	497375	47.964	ng		98
35) Caprolactam	11.487	113	179243	35.273	ng		93
36) 4-Chloro-3-methylphenol	11.810	107	622224	38.325	ng		97
37) 2-Methylnaphthalene	12.187	142	1375875	38.967	ng		99
38) 1-Methylnaphthalene	12.399	142	1276004	36.456	ng		100
40) 1,2,4,5-Tetrachloroben...	12.552	216	787224	52.507	ng		99
41) Hexachlorocyclopentadiene	12.528	237	828322	157.202	ng		99
43) 2,4,6-Trichlorophenol	12.793	196	472854	52.176	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	504176	48.221	ng		98
46) 1,1'-Biphenyl	13.199	154	1739553	47.568	ng		99
47) 2-Chloronaphthalene	13.246	162	1352583	46.525	ng		98
48) 2-Nitroaniline	13.446	65	376212	47.757	ng		98
49) Acenaphthylene	14.093	152	2097552	48.624	ng		100
50) Dimethylphthalate	13.834	163	1560507	42.723	ng		99
51) 2,6-Dinitrotoluene	13.946	165	345577	44.263	ng		94
52) Acenaphthene	14.440	154	1190577	43.753	ng		100
53) 3-Nitroaniline	14.281	138	272583	34.807	ng		99
54) 2,4-Dinitrophenol	14.498	184	381737	99.915	ng		93
55) Dibenzofuran	14.787	168	1931291	44.804	ng		99
56) 4-Nitrophenol	14.604	139	628662	103.775	ng		94
57) 2,4-Dinitrotoluene	14.757	165	477167	46.506	ng		95
58) Fluorene	15.451	166	1487029	42.972	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.010	232	429483	50.195	ng		97
60) Diethylphthalate	15.228	149	1541629	41.519	ng		100
61) 4-Chlorophenyl-phenyle...	15.445	204	779745	43.666	ng		100
62) 4-Nitroaniline	15.469	138	351170	43.531	ng		98
63) Azobenzene	15.740	77	1401913	40.435	ng		96
65) 4,6-Dinitro-2-methylph...	15.528	198	263903	56.667	ng		90
66) n-Nitrosodiphenylamine	15.663	169	1293331	46.082	ng		100
67) 4-Bromophenyl-phenylether	16.357	248	485986	46.535	ng		98
68) Hexachlorobenzene	16.457	284	568549	46.257	ng		98
69) Atrazine	16.651	200	464519	47.046	ng		99
70) Pentachlorophenol	16.816	266	760572	101.886	ng		98
71) Phenanthrene	17.228	178	2329132	46.415	ng		99
72) Anthracene	17.322	178	2313460	46.983	ng		99
73) Carbazole	17.604	167	2200353	46.198	ng		99
74) Di-n-butylphthalate	18.198	149	2614654	45.331	ng		99
75) Fluoranthene	19.316	202	2862719	48.222	ng		100
77) Benzidine	19.528	184	315446m	13.531	ng		
78) Pyrene	19.692	202	2976535	38.510	ng		100
80) Butylbenzylphthalate	20.657	149	1289677	41.765	ng		95
81) Benzo(a)anthracene	21.622	228	3139667	46.404	ng		100
82) 3,3'-Dichlorobenzidine	21.539	252	906602	45.076	ng		100
83) Chrysene	21.686	228	3032498	47.566	ng		99
84) Bis(2-ethylhexyl)phtha...	21.563	149	1919675	43.640	ng		99
85) Di-n-octyl phthalate	22.857	149	3437144	53.760	ng		96
87) Indeno(1,2,3-cd)pyrene	28.798	276	4576020	61.439	ng	#	91
88) Benzo(b)fluoranthene	23.921	252	3465206	45.413	ng		99
89) Benzo(k)fluoranthene	23.998	252	3427577	46.056	ng		99
90) Benzo(a)pyrene	24.821	252	3298011	52.189	ng		99
91) Dibenzo(a,h)anthracene	28.886	278	3791774	61.036	ng		98
92) Benzo(g,h,i)perylene	29.980	276	3648569	58.757	ng		97

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

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