Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060424\
Data File : BP020496.D
Acq On : 04 Jun 2024 13:56
Operator : MA/JU
Sample : PB161260BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 04 14:28:54 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 :
PB161260BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	285809	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	970833	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	517798	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1052099	20.000	ng	-0.01
76) Chrysene-d12	21.657	240	1192311	20.000	ng	-0.01
86) Perylene-d12	25.010	264	1424991	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2068104	129.556	ng	0.00
7) Phenol-d6	6.934	99	2424959	107.720	ng	0.00
23) Nitrobenzene-d5	8.916	82	1521433	85.785	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	724819	134.882	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	3102736	89.327	ng	0.00
79) Terphenyl-d14	19.927	244	4934404	68.895	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	272062	42.180	ng	98
3) Pyridine	3.717	79	684811	37.762	ng	97
4) n-Nitrosodimethylamine	3.634	42	383506	43.539	ng	95
6) Aniline	7.105	93	552631	24.227	ng	96
8) 2-Chlorophenol	7.334	128	735965	41.128	ng	99
9) Benzaldehyde	6.922	77	533999	36.980	ng	97
10) Phenol	6.963	94	895831	38.849	ng	99
11) bis(2-Chloroethyl)ether	7.205	93	759392	39.933	ng	99
12) 1,3-Dichlorobenzene	7.658	146	900866	42.729	ng	100
13) 1,4-Dichlorobenzene	7.805	146	913535	42.632	ng	99
14) 1,2-Dichlorobenzene	8.110	146	867185	41.933	ng	99
15) Benzyl Alcohol	8.005	79	618504	37.195	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.287	45	1104770	38.912	ng	99
17) 2-Methylphenol	8.199	107	574666	36.724	ng	99
18) Hexachloroethane	8.834	117	331094	42.315	ng	95
19) n-Nitroso-di-n-propyla...	8.563	70	521976	33.965	ng	99
20) 3+4-Methylphenols	8.516	107	755489	35.496	ng	99
22) Acetophenone	8.581	105	1077486	44.712	ng	99
24) Nitrobenzene	8.957	77	785353	43.632	ng	99
25) Isophorone	9.469	82	1358701	39.430	ng	99
26) 2-Nitrophenol	9.657	139	297571	42.283	ng	99
27) 2,4-Dimethylphenol	9.710	122	480254	46.133	ng	98
28) bis(2-Chloroethoxy)met...	9.957	93	874873	41.307	ng	99
29) 2,4-Dichlorophenol	10.175	162	608259	43.552	ng	98
30) 1,2,4-Trichlorobenzene	10.404	180	747532	45.085	ng	98
31) Naphthalene	10.581	128	2139588	43.110	ng	100
32) Benzoic acid	9.828	122	328438	35.319	ng	95
33) 4-Chloroaniline	10.693	127	334172	17.406	ng	99
34) Hexachlorobutadiene	10.863	225	470644	45.062	ng	99
35) Caprolactam	11.463	113	182898	35.735	ng	96
36) 4-Chloro-3-methylphenol	11.804	107	618543	37.826	ng	99
37) 2-Methylnaphthalene	12.198	142	1409292	39.628	ng	98
38) 1-Methylnaphthalene	12.410	142	1291005	36.621	ng	98
40) 1,2,4,5-Tetrachloroben...	12.569	216	765561	51.100	ng	99
41) Hexachlorocyclopentadiene	12.545	237	746285	141.738	ng	99
43) 2,4,6-Trichlorophenol	12.798	196	443315	48.953	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	481549	46.092	ng	99
46) 1,1'-Biphenyl	13.216	154	1747271	47.814	ng	99
47) 2-Chloronaphthalene	13.257	162	1349945	46.469	ng	99
48) 2-Nitroaniline	13.457	65	364418	46.294	ng	98
49) Acenaphthylene	14.110	152	2130703	49.429	ng	100
50) Dimethylphthalate	13.845	163	1564557	42.866	ng	99
51) 2,6-Dinitrotoluene	13.957	165	331881	42.540	ng	96
52) Acenaphthene	14.451	154	1207691	44.415	ng	99
53) 3-Nitroaniline	14.281	138	260162	33.245	ng	98
54) 2,4-Dinitrophenol	14.498	184	260617	75.752	ng	94
55) Dibenzofuran	14.798	168	1961986	45.550	ng	99
56) 4-Nitrophenol	14.592	139	627887	103.725	ng	96
57) 2,4-Dinitrotoluene	14.763	165	459067	44.775	ng	94
58) Fluorene	15.451	166	1524673	44.093	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.010	232	396765	46.406	ng	99
60) Diethylphthalate	15.239	149	1538504	41.466	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	770950	43.206	ng	98
62) 4-Nitroaniline	15.469	138	347351	43.090	ng	97
63) Azobenzene	15.751	77	1492087	43.068	ng	99
65) 4,6-Dinitro-2-methylph...	15.522	198	187357	41.416	ng	98
66) n-Nitrosodiphenylamine	15.675	169	1294338	44.747	ng	99
67) 4-Bromophenyl-phenylether	16.369	248	469019	43.575	ng	98
68) Hexachlorobenzene	16.469	284	547439	43.215	ng	97
69) Atrazine	16.657	200	474687	46.646	ng	99
70) Pentachlorophenol	16.822	266	662420	86.099	ng	99
71) Phenanthrene	17.233	178	2387110	46.156	ng	99
72) Anthracene	17.328	178	2402858	47.348	ng	100
73) Carbazole	17.610	167	2344432	47.759	ng	99
74) Di-n-butylphthalate	18.216	149	2702688	45.464	ng	99
75) Fluoranthene	19.327	202	2974181	48.610	ng	99
77) Benzidine	19.522	184	401352	14.261	ng	99
78) Pyrene	19.704	202	3153140	35.159	ng	99
80) Butylbenzylphthalate	20.669	149	1315145	37.000	ng	96
81) Benzo(a)anthracene	21.633	228	3588647	45.711	ng	99
82) 3,3'-Dichlorobenzidine	21.557	252	984418	42.182	ng	100
83) Chrysene	21.704	228	3417109	46.193	ng	100
84) Bis(2-ethylhexyl)phtha...	21.592	149	2170852	42.532	ng	99
85) Di-n-octyl phthalate	22.898	149	3971082	53.529	ng	99
87) Indeno(1,2,3-cd)pyrene	28.833	276	5008477m	57.799	ng	
88) Benzo(b)fluoranthene	23.945	252	4095711	46.136	ng	100
89) Benzo(k)fluoranthene	24.015	252	4085980	47.191	ng	100
90) Benzo(a)pyrene	24.857	252	3860084	52.503	ng	99
91) Dibenzo(a,h)anthracene	28.921	278	4155261	57.491	ng	99
92) Benzo(g,h,i)perylene	29.997	276	3911768	54.147	ng	99

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

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