Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061424\
Data File : BP020625.D
Acq On : 14 Jun 2024 14:33
Operator : MA/JU
Sample : PB161492BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 14 15:01:53 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 :
PB161492BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	251025	20.000	ng	-0.02
21) Naphthalene-d8	10.516	136	898141	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	529997	20.000	ng	-0.02
64) Phenanthrene-d10	17.187	188	1117425	20.000	ng	-0.02
76) Chrysene-d12	21.639	240	1023073	20.000	ng	-0.03
86) Perylene-d12	24.998	264	1214597	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1766943	126.028	ng	0.00
7) Phenol-d6	6.934	99	2132227	107.841	ng	0.00
23) Nitrobenzene-d5	8.905	82	1307893	79.714	ng	-0.02
42) 2,4,6-Tribromophenol	15.898	330	855252	155.491	ng	-0.01
45) 2-Fluorobiphenyl	12.993	172	2931771	82.462	ng	-0.01
79) Terphenyl-d14	19.916	244	4653246	75.717	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	195786	34.561	ng	93
3) Pyridine	3.717	79	468774	29.431	ng	94
4) n-Nitrosodimethylamine	3.628	42	281278	36.358	ng	92
6) Aniline	7.093	93	426872	21.307	ng	97
8) 2-Chlorophenol	7.322	128	649989	41.357	ng	97
9) Benzaldehyde	6.911	77	324733m	25.604	ng	
10) Phenol	6.964	94	785635	38.791	ng	99
11) bis(2-Chloroethyl)ether	7.187	93	617298	36.959	ng	98
12) 1,3-Dichlorobenzene	7.634	146	737765	39.842	ng	98
13) 1,4-Dichlorobenzene	7.787	146	753536	40.038	ng	99
14) 1,2-Dichlorobenzene	8.099	146	717848	39.522	ng	99
15) Benzyl Alcohol	7.993	79	552483	37.829	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.263	45	846610	33.951	ng	98
17) 2-Methylphenol	8.187	107	510160	37.119	ng	98
18) Hexachloroethane	8.816	117	274324	39.918	ng	94
19) n-Nitroso-di-n-propyla...	8.558	70	450049	33.343	ng	96
20) 3+4-Methylphenols	8.516	107	691733	37.004	ng	98
22) Acetophenone	8.569	105	933554	41.875	ng	97
24) Nitrobenzene	8.940	77	669783	40.223	ng	99
25) Isophorone	9.458	82	1206896	37.859	ng	99
26) 2-Nitrophenol	9.646	139	321667	48.767	ng	92
27) 2,4-Dimethylphenol	9.705	122	415507	43.144	ng	99
28) bis(2-Chloroethoxy)met...	9.940	93	743582	37.950	ng	100
29) 2,4-Dichlorophenol	10.169	162	563670	43.626	ng	98
30) 1,2,4-Trichlorobenzene	10.387	180	652077	42.511	ng	97
31) Naphthalene	10.569	128	1889194	41.146	ng	100
32) Benzoic acid	9.863	122	397878	44.130	ng	98
33) 4-Chloroaniline	10.687	127	358461	20.182	ng	98
34) Hexachlorobutadiene	10.840	225	411374	42.575	ng	99
35) Caprolactam	11.487	113	187049m	39.504	ng	
36) 4-Chloro-3-methylphenol	11.810	107	602182	39.807	ng	97
37) 2-Methylnaphthalene	12.175	142	1259829	38.292	ng	99
38) 1-Methylnaphthalene	12.410	142	1181011	36.212	ng	100
40) 1,2,4,5-Tetrachloroben...	12.546	216	712285	46.450	ng	99
41) Hexachlorocyclopentadiene	12.522	237	641558	119.043	ng	100
43) 2,4,6-Trichlorophenol	12.799	196	449609	48.505	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	501663	46.912	ng	96
46) 1,1'-Biphenyl	13.204	154	1603225	42.863	ng	98
47) 2-Chloronaphthalene	13.246	162	1257001	42.274	ng	99
48) 2-Nitroaniline	13.463	65	377388	46.838	ng	95
49) Acenaphthylene	14.098	152	2020164	45.786	ng	100
50) Dimethylphthalate	13.846	163	1575990	42.185	ng	99
51) 2,6-Dinitrotoluene	13.963	165	342943	42.947	ng	92
52) Acenaphthene	14.445	154	1148583	41.269	ng	99
53) 3-Nitroaniline	14.298	138	286607	35.782	ng	98
54) 2,4-Dinitrophenol	14.504	184	383471	98.635	ng	89
55) Dibenzofuran	14.787	168	1872120	42.463	ng	98
56) 4-Nitrophenol	14.616	139	624522	100.794	ng	93
57) 2,4-Dinitrotoluene	14.751	165	487619	46.465	ng	97
58) Fluorene	15.445	166	1483575	41.917	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	439411	50.211	ng	97
60) Diethylphthalate	15.222	149	1556408	40.983	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	750410	41.087	ng	99
62) 4-Nitroaniline	15.475	138	355733	43.114	ng	93
63) Azobenzene	15.745	77	1406487	39.663	ng	97
65) 4,6-Dinitro-2-methylph...	15.534	198	273797	54.108	ng	98
66) n-Nitrosodiphenylamine	15.669	169	1316779	42.861	ng	99
67) 4-Bromophenyl-phenylether	16.363	248	490683	42.922	ng	96
68) Hexachlorobenzene	16.475	284	570258	42.385	ng	99
69) Atrazine	16.639	200	490663	45.397	ng	99
70) Pentachlorophenol	16.834	266	764354	93.540	ng	99
71) Phenanthrene	17.234	178	2406150	43.804	ng	99
72) Anthracene	17.322	178	2391681	44.372	ng	99
73) Carbazole	17.604	167	2283938	43.806	ng	99
74) Di-n-butylphthalate	18.198	149	2796644	44.295	ng	99
75) Fluoranthene	19.316	202	2906053	44.720	ng	100
77) Benzidine	19.522	184	244173m	11.849	ng	
78) Pyrene	19.698	202	2966556	38.550	ng	100
80) Butylbenzylphthalate	20.651	149	1253004	40.815	ng	94
81) Benzo(a)anthracene	21.622	228	2982870	44.280	ng	99
82) 3,3'-Dichlorobenzidine	21.545	252	874920	43.692	ng	99
83) Chrysene	21.692	228	2821550	44.451	ng	100
84) Bis(2-ethylhexyl)phtha...	21.563	149	1799730	41.093	ng	98
85) Di-n-octyl phthalate	22.857	149	3216926	50.536	ng	97
87) Indeno(1,2,3-cd)pyrene	28.809	276	4224903m	57.202	ng	
88) Benzo(b)fluoranthene	23.945	252	3251249	42.968	ng	99
89) Benzo(k)fluoranthene	24.016	252	3182303	43.120	ng	99
90) Benzo(a)pyrene	24.845	252	3079509	49.142	ng	99
91) Dibenzo(a,h)anthracene	28.909	278	3528651	57.279	ng	97
92) Benzo(g,h,i)perylene	30.033	276	3425514	55.630	ng	96

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

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