Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
Data File : BP021552.D
Acq On : 19 Aug 2024 13:32
Operator : RC/JU
Sample : PB162717BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 19 14:00:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB162717BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.810	152	436259	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	1811554	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	1208514	20.000	ng		0.00
64) Phenanthrene-d10	17.263	188	2583716	20.000	ng		0.01
76) Chrysene-d12	21.733	240	2417793	20.000	ng		0.04
86) Perylene-d12	25.162	264	2661942	20.000	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	4103343	139.662	ng		0.01
7) Phenol-d6	6.975	99	5595735	130.561	ng		0.01
23) Nitrobenzene-d5	8.957	82	3335866	95.046	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	2054798	152.770	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	6336142	80.015	ng		0.00
79) Terphenyl-d14	19.992	244	10923167	87.769	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	402849	28.918	ng		100
3) Pyridine	3.711	79	1137200m	29.241	ng		
4) n-Nitrosodimethylamine	3.617	42	494352	42.291	ng		91
6) Aniline	7.134	93	1248178	29.131	ng		97
8) 2-Chlorophenol	7.375	128	1442616	53.133	ng		95
9) Benzaldehyde	6.946	77	489327m	17.831	ng		
10) Phenol	6.999	94	2160620	48.682	ng		97
11) bis(2-Chloroethyl)ether	7.228	93	1589549	42.327	ng		97
12) 1,3-Dichlorobenzene	7.699	146	1414660	43.864	ng		97
13) 1,4-Dichlorobenzene	7.846	146	1432866	43.999	ng		98
14) 1,2-Dichlorobenzene	8.157	146	1393884	44.415	ng		99
15) Benzyl Alcohol	8.040	79	1475379	47.977	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1494630	43.217	ng		97
17) 2-Methylphenol	8.240	107	1398862	49.856	ng		98
18) Hexachloroethane	8.887	117	588433	45.059	ng		99
19) n-Nitroso-di-n-propyla...	8.604	70	1149957	38.842	ng		95
20) 3+4-Methylphenols	8.563	107	1934684	51.138	ng		98
22) Acetophenone	8.622	105	2223891	39.960	ng	#	97
24) Nitrobenzene	8.999	77	1728631	45.348	ng		92
25) Isophorone	9.522	82	3395168	40.947	ng		97
26) 2-Nitrophenol	9.704	139	712203	63.425	ng		94
27) 2,4-Dimethylphenol	9.769	122	1111444	54.316	ng		97
28) bis(2-Chloroethoxy)met...	9.999	93	2166423	42.804	ng		99
29) 2,4-Dichlorophenol	10.240	162	1352252	55.931	ng		97
30) 1,2,4-Trichlorobenzene	10.457	180	1343907	43.357	ng		98
31) Naphthalene	10.646	128	4177421	44.142	ng		100
32) Benzoic acid	9.910	122	1082806	68.602	ng		93
33) 4-Chloroaniline	10.746	127	965320	27.155	ng		96
34) Hexachlorobutadiene	10.940	225	806020	41.299	ng		99
35) Caprolactam	11.528	113	516587	51.334	ng		90
36) 4-Chloro-3-methylphenol	11.875	107	1784932	53.222	ng		97
37) 2-Methylnaphthalene	12.257	142	2890021	44.745	ng		99
38) 1-Methylnaphthalene	12.475	142	2692489	42.267	ng		100
40) 1,2,4,5-Tetrachloroben...	12.628	216	1439400	40.650	ng		99
41) Hexachlorocyclopentadiene	12.616	237	1254739	111.804	ng		99
43) 2,4,6-Trichlorophenol	12.863	196	1104232	56.139	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	1192173	54.552	ng		98
46) 1,1'-Biphenyl	13.275	154	3512219	41.077	ng		98
47) 2-Chloronaphthalene	13.316	162	2925091	43.942	ng		99
48) 2-Nitroaniline	13.510	65	1049951	55.389	ng		88
49) Acenaphthylene	14.169	152	4845546	49.516	ng		100
50) Dimethylphthalate	13.904	163	3872418	47.847	ng		100
51) 2,6-Dinitrotoluene	14.010	165	835963	50.933	ng		93
52) Acenaphthene	14.516	154	3333084m	51.911	ng		
53) 3-Nitroaniline	14.339	138	674010	42.487	ng	#	94
54) 2,4-Dinitrophenol	14.557	184	906548	123.493	ng	#	86
55) Dibenzofuran	14.857	168	4605822	46.631	ng		99
56) 4-Nitrophenol	14.663	139	1576580	115.078	ng	#	82
57) 2,4-Dinitrotoluene	14.816	165	1196941	56.628	ng		86
58) Fluorene	15.522	166	3613459	44.532	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	1089275	58.724	ng		99
60) Diethylphthalate	15.292	149	3882836	46.758	ng		99
61) 4-Chlorophenyl-phenyle...	15.516	204	1815597	43.286	ng		98
62) 4-Nitroaniline	15.534	138	873343	52.630	ng		92
63) Azobenzene	15.816	77	4270627	41.837	ng		96
65) 4,6-Dinitro-2-methylph...	15.592	198	626992	69.124	ng		98
66) n-Nitrosodiphenylamine	15.734	169	3260279	47.087	ng		99
67) 4-Bromophenyl-phenylether	16.428	248	1236006	45.201	ng		100
68) Hexachlorobenzene	16.557	284	1444083	44.687	ng		99
69) Atrazine	16.710	200	1050904	44.207	ng		99
70) Pentachlorophenol	16.904	266	1916075	108.635	ng		99
71) Phenanthrene	17.298	178	5895214	47.444	ng		100
72) Anthracene	17.398	178	5939142	48.737	ng		100
73) Carbazole	17.675	167	5640978	48.033	ng		99
74) Di-n-butylphthalate	18.286	149	6875913	47.673	ng		99
75) Fluoranthene	19.392	202	7163066	46.983	ng		99
77) Benzidine	19.580	184	1505676	26.891	ng		99
78) Pyrene	19.769	202	7403379	46.848	ng		99
80) Butylbenzylphthalate	20.721	149	3256081	53.816	ng		96
81) Benzo(a)anthracene	21.710	228	7445283	49.053	ng		99
82) 3,3'-Dichlorobenzidine	21.621	252	2144331	44.064	ng		100
83) Chrysene	21.780	228	6970897	48.645	ng		99
84) Bis(2-ethylhexyl)phtha...	21.669	149	4833902	53.885	ng		100
85) Di-n-octyl phthalate	22.986	149	8459716	53.112	ng		97
87) Indeno(1,2,3-cd)pyrene	29.068	276	9376030m	54.338	ng		
88) Benzo(b)fluoranthene	24.086	252	7894043	51.635	ng		99
89) Benzo(k)fluoranthene	24.157	252	7546849	50.604	ng		99
90) Benzo(a)pyrene	25.015	252	7283399	54.898	ng		99
91) Dibenzo(a,h)anthracene	29.180	278	7702226	53.723	ng		100
92) Benzo(g,h,i)perylene	30.303	276	7429530	51.702	ng		98

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

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