Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
Data File : BP021600.D
Acq On : 21 Aug 2024 16:42
Operator : RC/JU
Sample : PB162878BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB162878BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 21 17:34:22 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.799	152	381039	20.000	ng		-0.01
21) Naphthalene-d8	10.593	136	1510814	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	976830	20.000	ng		-0.01
64) Phenanthrene-d10	17.257	188	2177042	20.000	ng		0.00
76) Chrysene-d12	21.722	240	2366812	20.000	ng		0.02
86) Perylene-d12	25.174	264	2632836	20.000	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	3343692	130.300	ng		0.00
7) Phenol-d6	6.969	99	4517197	120.670	ng		0.00
23) Nitrobenzene-d5	8.952	82	2649454	90.515	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	1644681	151.281	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	5029316	78.576	ng		0.00
79) Terphenyl-d14	19.986	244	9628130	79.030	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	354946	29.171	ng		99
3) Pyridine	3.711	79	963653	28.370	ng		94
4) n-Nitrosodimethylamine	3.617	42	425644	41.690	ng		91
6) Aniline	7.122	93	959127	25.629	ng		96
8) 2-Chlorophenol	7.369	128	1158683	48.860	ng		95
9) Benzaldehyde	6.940	77	433140m	18.071	ng		
10) Phenol	6.993	94	1731947	44.679	ng		98
11) bis(2-Chloroethyl)ether	7.222	93	1271334	38.759	ng		95
12) 1,3-Dichlorobenzene	7.693	146	1172512	41.625	ng		97
13) 1,4-Dichlorobenzene	7.834	146	1187403	41.745	ng		98
14) 1,2-Dichlorobenzene	8.152	146	1142411	41.678	ng		99
15) Benzyl Alcohol	8.034	79	1157925	43.111	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.316	45	1189640	39.384	ng		96
17) 2-Methylphenol	8.234	107	1103894	45.045	ng		97
18) Hexachloroethane	8.881	117	479731	42.059	ng		99
19) n-Nitroso-di-n-propyla...	8.605	70	886359	34.277	ng		95
20) 3+4-Methylphenols	8.558	107	1522042	46.061	ng		97
22) Acetophenone	8.616	105	1761148	37.944	ng	#	99
24) Nitrobenzene	8.993	77	1374908	43.248	ng		93
25) Isophorone	9.516	82	2598291	37.574	ng		97
26) 2-Nitrophenol	9.699	139	558381	61.052	ng		95
27) 2,4-Dimethylphenol	9.763	122	863897	50.622	ng		97
28) bis(2-Chloroethoxy)met...	9.999	93	1658287	39.286	ng		99
29) 2,4-Dichlorophenol	10.234	162	1045113	51.832	ng		98
30) 1,2,4-Trichlorobenzene	10.452	180	1076721	41.651	ng		98
31) Naphthalene	10.640	128	3349770	42.442	ng		100
32) Benzoic acid	9.899	122	841574	65.445	ng		92
33) 4-Chloroaniline	10.740	127	740731	24.985	ng		97
34) Hexachlorobutadiene	10.934	225	643088	39.510	ng		97
35) Caprolactam	11.528	113	392906	46.815	ng		90
36) 4-Chloro-3-methylphenol	11.869	107	1360470	48.640	ng		97
37) 2-Methylnaphthalene	12.251	142	2263313	42.017	ng		100
38) 1-Methylnaphthalene	12.475	142	2117526	39.858	ng		98
40) 1,2,4,5-Tetrachloroben...	12.628	216	1128263	39.420	ng		99
41) Hexachlorocyclopentadiene	12.610	237	984243	108.502	ng		99
43) 2,4,6-Trichlorophenol	12.863	196	856052	53.844	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.940	196	942710	53.369	ng		96
46) 1,1'-Biphenyl	13.269	154	2745172	39.721	ng		97
47) 2-Chloronaphthalene	13.310	162	2290229	42.565	ng		98
48) 2-Nitroaniline	13.504	65	807596	52.958	ng		88
49) Acenaphthylene	14.163	152	3773954	47.713	ng		100
50) Dimethylphthalate	13.898	163	2992401	45.743	ng		100
51) 2,6-Dinitrotoluene	14.010	165	661704	49.960	ng		94
52) Acenaphthene	14.510	154	2596921m	50.038	ng		
53) 3-Nitroaniline	14.340	138	575246	44.640	ng	#	94
54) 2,4-Dinitrophenol	14.551	184	723067	122.490	ng	#	87
55) Dibenzofuran	14.851	168	3602016	45.117	ng		99
56) 4-Nitrophenol	14.663	139	1301825	117.451	ng	#	86
57) 2,4-Dinitrotoluene	14.810	165	945035	55.431	ng		84
58) Fluorene	15.510	166	2795686	42.625	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.081	232	844678	56.338	ng		98
60) Diethylphthalate	15.287	149	3053254	45.489	ng		100
61) 4-Chlorophenyl-phenyle...	15.510	204	1407096	41.504	ng		100
62) 4-Nitroaniline	15.522	138	724595	53.945	ng		94
63) Azobenzene	15.810	77	3304768	40.054	ng		96
65) 4,6-Dinitro-2-methylph...	15.587	198	518535	68.260	ng		98
66) n-Nitrosodiphenylamine	15.728	169	2585682	44.320	ng		99
67) 4-Bromophenyl-phenylether	16.422	248	965373	41.898	ng		98
68) Hexachlorobenzene	16.545	284	1135270	41.694	ng		98
69) Atrazine	16.704	200	809575	40.417	ng		100
70) Pentachlorophenol	16.898	266	1551817	104.418	ng		99
71) Phenanthrene	17.304	178	4776023	45.617	ng		100
72) Anthracene	17.392	178	4763470	46.391	ng		100
73) Carbazole	17.669	167	4741405	47.915	ng		99
74) Di-n-butylphthalate	18.275	149	5660253	46.575	ng		99
75) Fluoranthene	19.386	202	6097144	47.462	ng		100
77) Benzidine	19.575	184	1191173	22.246	ng		100
78) Pyrene	19.763	202	6436660	41.608	ng		100
80) Butylbenzylphthalate	20.716	149	2964433	50.303	ng		92
81) Benzo(a)anthracene	21.698	228	6740570	45.367	ng		99
82) 3,3'-Dichlorobenzidine	21.622	252	2063647	43.319	ng		99
83) Chrysene	21.775	228	6547759	46.676	ng		100
84) Bis(2-ethylhexyl)phtha...	21.651	149	4491255	51.144	ng		100
85) Di-n-octyl phthalate	22.974	149	8168035	52.451	ng		97
87) Indeno(1,2,3-cd)pyrene	29.080	276	8627738m	50.554	ng		
88) Benzo(b)fluoranthene	24.074	252	7241236	47.889	ng		99
89) Benzo(k)fluoranthene	24.157	252	7288340	49.410	ng		100
90) Benzo(a)pyrene	25.010	252	6776841	51.645	ng		99
91) Dibenzo(a,h)anthracene	29.186	278	7099699	50.068	ng		99
92) Benzo(g,h,i)perylene	30.292	276	6819614	47.983	ng		99

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

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