Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
Data File : BP021594.D
Acq On : 21 Aug 2024 12:19
Operator : RC/JU
Sample : PB162788BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 21 13:23:24 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 :
PB162788BS

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	422633	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	1649511	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	1043036	20.000	ng		0.00
64) Phenanthrene-d10	17.263	188	2218669	20.000	ng		0.01
76) Chrysene-d12	21.727	240	2116508	20.000	ng		0.03
86) Perylene-d12	25.168	264	2397430	20.000	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	3711897	130.412	ng		0.00
7) Phenol-d6	6.975	99	4978922	119.914	ng		0.01
23) Nitrobenzene-d5	8.952	82	2927311	91.599	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	1689654	145.552	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	5382091	78.750	ng		0.00
79) Terphenyl-d14	19.992	244	8790997	80.692	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	389024	28.825	ng		98
3) Pyridine	3.711	79	1047068	27.792	ng		95
4) n-Nitrosodimethylamine	3.617	42	472561	41.730	ng	#	89
6) Aniline	7.128	93	1026376	24.727	ng		98
8) 2-Chlorophenol	7.369	128	1284376	48.830	ng		94
9) Benzaldehyde	6.940	77	486864m	18.314	ng		
10) Phenol	6.999	94	1902178	44.241	ng		98
11) bis(2-Chloroethyl)ether	7.222	93	1424451	39.153	ng		96
12) 1,3-Dichlorobenzene	7.693	146	1294567	41.435	ng		97
13) 1,4-Dichlorobenzene	7.840	146	1331196	42.195	ng		98
14) 1,2-Dichlorobenzene	8.157	146	1274671	41.926	ng		99
15) Benzyl Alcohol	8.034	79	1300063	43.639	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1331506	39.742	ng		97
17) 2-Methylphenol	8.240	107	1205418	44.347	ng		97
18) Hexachloroethane	8.881	117	539177	42.619	ng		99
19) n-Nitroso-di-n-propyla...	8.605	70	993736	34.647	ng	#	95
20) 3+4-Methylphenols	8.563	107	1660934	45.318	ng		97
22) Acetophenone	8.616	105	1946063	38.403	ng		99
24) Nitrobenzene	8.993	77	1524677	43.927	ng		92
25) Isophorone	9.522	82	2885146	38.214	ng		97
26) 2-Nitrophenol	9.704	139	637241	62.745	ng		93
27) 2,4-Dimethylphenol	9.769	122	937536	50.318	ng		96
28) bis(2-Chloroethoxy)met...	10.004	93	1844016	40.013	ng		100
29) 2,4-Dichlorophenol	10.234	162	1147538	52.126	ng		97
30) 1,2,4-Trichlorobenzene	10.457	180	1195360	42.353	ng		98
31) Naphthalene	10.640	128	3693973	42.868	ng		99
32) Benzoic acid	9.904	122	910002	65.023	ng		93
33) 4-Chloroaniline	10.746	127	869140	26.851	ng		96
34) Hexachlorobutadiene	10.934	225	714754	40.221	ng		99
35) Caprolactam	11.522	113	422702	46.130	ng		92
36) 4-Chloro-3-methylphenol	11.875	107	1491263	48.834	ng		97
37) 2-Methylnaphthalene	12.257	142	2475344	42.090	ng		99
38) 1-Methylnaphthalene	12.475	142	2307433	39.781	ng		100
40) 1,2,4,5-Tetrachloroben...	12.628	216	1222750	40.010	ng		99
41) Hexachlorocyclopentadiene	12.610	237	1099174	113.481	ng		98
43) 2,4,6-Trichlorophenol	12.863	196	925882	54.540	ng		99

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44) 2,4,5-Trichlorophenol	12.940	196	994761	52.741	ng		96
46) 1,1'-Biphenyl	13.275	154	2959960	40.110	ng		98
47) 2-Chloronaphthalene	13.316	162	2490365	43.346	ng		99
48) 2-Nitroaniline	13.510	65	855860	52.599	ng	#	83
49) Acenaphthylene	14.169	152	4032452	47.745	ng		100
50) Dimethylphthalate	13.898	163	3178935	45.510	ng		99
51) 2,6-Dinitrotoluene	14.022	165	709105	50.126	ng		88
52) Acenaphthene	14.522	154	2761713m	49.836	ng		
53) 3-Nitroaniline	14.351	138	594258	43.317	ng	#	91
54) 2,4-Dinitrophenol	14.557	184	779718	123.232	ng	#	86
55) Dibenzofuran	14.863	168	3740786	43.881	ng		99
56) 4-Nitrophenol	14.663	139	1313936	111.298	ng	#	86
57) 2,4-Dinitrotoluene	14.816	165	991437	54.550	ng		90
58) Fluorene	15.528	166	2941757	42.005	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	882335	55.114	ng		99
60) Diethylphthalate	15.292	149	3180838	44.382	ng		99
61) 4-Chlorophenyl-phenyle...	15.528	204	1472517	40.677	ng		99
62) 4-Nitroaniline	15.539	138	721717	50.517	ng		95
63) Azobenzene	15.828	77	3446771	39.124	ng		95
65) 4,6-Dinitro-2-methylph...	15.598	198	546435	69.816	ng		98
66) n-Nitrosodiphenylamine	15.739	169	2656717	44.683	ng		100
67) 4-Bromophenyl-phenylether	16.439	248	994655	42.359	ng		99
68) Hexachlorobenzene	16.557	284	1165677	42.007	ng		97
69) Atrazine	16.728	200	820800	40.209	ng		99
70) Pentachlorophenol	16.910	266	1556069	102.740	ng		99
71) Phenanthrene	17.304	178	4806563	45.047	ng		99
72) Anthracene	17.404	178	4873321	46.571	ng		100
73) Carbazole	17.681	167	4641445	46.024	ng		99
74) Di-n-butylphthalate	18.275	149	5581934	45.069	ng		100
75) Fluoranthene	19.404	202	5852072	44.700	ng		99
77) Benzidine	19.586	184	1065275	22.247	ng		100
78) Pyrene	19.775	202	6204857	44.853	ng		100
80) Butylbenzylphthalate	20.722	149	2581686	49.083	ng		96
81) Benzo(a)anthracene	21.710	228	6137975	46.197	ng		100
82) 3,3'-Dichlorobenzidine	21.627	252	1787315	41.956	ng		99
83) Chrysene	21.774	228	5826621	46.448	ng		99
84) Bis(2-ethylhexyl)phtha...	21.669	149	3731470	47.517	ng		100
85) Di-n-octyl phthalate	22.986	149	6703781	48.537	ng		97
87) Indeno(1,2,3-cd)pyrene	29.092	276	8091481m	52.067	ng		
88) Benzo(b)fluoranthene	24.092	252	6684972	48.551	ng		100
89) Benzo(k)fluoranthene	24.163	252	6422116	47.813	ng		99
90) Benzo(a)pyrene	25.015	252	6192957	51.829	ng		99
91) Dibenzo(a,h)anthracene	29.174	278	6599130	51.107	ng		100
92) Benzo(g,h,i)perylene	30.303	276	6405985	49.498	ng		98

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

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