Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
Data File : BG062680.D
Acq On : 6 Sep 2024 14:12
Operator : MA/JU
Sample : PB163179BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 06 15:09:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB163179BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
09/07/2024
Supervised By :mohammad ahmed
09/07/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.923	152	61544	20.000	ng		0.00
21) Naphthalene-d8	10.714	136	253548	20.000	ng		0.00
39) Acenaphthene-d10	14.550	164	207808	20.000	ng		0.00
64) Phenanthrene-d10	17.288	188	614848	20.000	ng		0.00
76) Chrysene-d12	21.536	240	646272	20.000	ng		0.00
86) Perylene-d12	24.609	264	684352	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.502	112	533005	149.701	ng		0.00
7) Phenol-d6	7.089	99	684338	133.047	ng		0.00
23) Nitrobenzene-d5	9.074	82	433990	92.184	ng		0.00
42) 2,4,6-Tribromophenol	16.037	330	461562	157.825	ng		0.00
45) 2-Fluorobiphenyl	13.170	172	1084872	84.562	ng		0.00
79) Terphenyl-d14	19.909	244	2655623	81.478	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	50817	34.260	ng		98
3) Pyridine	3.798	79	127627	29.864	ng		99
4) n-Nitrosodimethylamine	3.710	42	94844	45.649	ng		92
6) Aniline	7.247	93	129571	26.963	ng		94
8) 2-Chlorophenol	7.488	128	184284	48.210	ng		95
9) Benzaldehyde	7.059	77	367226	122.737	ng		98
10) Phenol	7.118	94	243936	46.847	ng		97
11) bis(2-Chloroethyl)ether	7.341	93	163465	41.002	ng		95
12) 1,3-Dichlorobenzene	7.811	146	177112	42.222	ng		96
13) 1,4-Dichlorobenzene	7.958	146	183570	42.523	ng		98
14) 1,2-Dichlorobenzene	8.275	146	176193	41.522	ng		98
15) Benzyl Alcohol	8.158	79	174694	45.902	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.440	45	298836	39.330	ng		99
17) 2-Methylphenol	8.364	107	156520	43.122	ng		98
18) Hexachloroethane	9.004	117	67659	41.799	ng		94
19) n-Nitroso-di-n-propyla...	8.722	70	144538	35.662	ng		94
20) 3+4-Methylphenols	8.687	107	224658	41.954	ng		96
22) Acetophenone	8.740	105	279283	40.831	ng	#	99
24) Nitrobenzene	9.116	77	218206	43.592	ng		99
25) Isophorone	9.638	82	402178	38.917	ng		98
26) 2-Nitrophenol	9.826	139	95142	50.303	ng		97
27) 2,4-Dimethylphenol	9.891	122	137863	49.746	ng		99
28) bis(2-Chloroethoxy)met...	10.120	93	225832	40.821	ng		99
29) 2,4-Dichlorophenol	10.361	162	187594	48.414	ng		99
30) 1,2,4-Trichlorobenzene	10.579	180	198122	43.132	ng		96
31) Naphthalene	10.767	128	525628	41.825	ng		99
32) Benzoic acid	10.026	122	121225	40.671	ng		95
33) 4-Chloroaniline	10.872	127	121101	24.486	ng		94
34) Hexachlorobutadiene	11.054	225	136996	42.702	ng		96
35) Caprolactam	11.636	113	68984m	46.181	ng		
36) 4-Chloro-3-methylphenol	11.995	107	212488	45.463	ng		100
37) 2-Methylnaphthalene	12.371	142	399429	40.978	ng		99
38) 1-Methylnaphthalene	12.594	142	373065	38.116	ng		100
40) 1,2,4,5-Tetrachloroben...	12.741	216	273103	43.700	ng		99
41) Hexachlorocyclopentadiene	12.723	237	223622	125.414	ng		98
43) 2,4,6-Trichlorophenol	12.982	196	193114	48.744	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.052	196	217580	48.496	ng	97
46) 1,1'-Biphenyl	13.381	154	579933	41.831	ng	100
47) 2-Chloronaphthalene	13.422	162	473399	42.133	ng	99
48) 2-Nitroaniline	13.622	65	157225	53.202	ng	96
49) Acenaphthylene	14.268	152	780347	46.898	ng	97
50) Dimethylphthalate	14.004	163	691256	45.491	ng	99
51) 2,6-Dinitrotoluene	14.121	165	146345	50.917	ng	91
52) Acenaphthene	14.609	154	438548	42.162	ng	98
53) 3-Nitroaniline	14.450	138	111151	39.967	ng	97
54) 2,4-Dinitrophenol	14.656	184	194393	120.519	ng	98
55) Dibenzofuran	14.950	168	809878	45.401	ng	97
56) 4-Nitrophenol	14.768	139	263291	111.710	ng	97
57) 2,4-Dinitrotoluene	14.909	165	220741	56.289	ng	96
58) Fluorene	15.596	166	640027	45.718	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.173	232	227554	53.539	ng	95
60) Diethylphthalate	15.367	149	700278	46.497	ng	99
61) 4-Chlorophenyl-phenyle...	15.590	204	368851	45.895	ng	95
62) 4-Nitroaniline	15.614	138	160212	52.246	ng	98
63) Azobenzene	15.884	77	641372	45.352	ng	99
65) 4,6-Dinitro-2-methylph...	15.673	198	140187	51.091	ng	96
66) n-Nitrosodiphenylamine	15.802	169	610267	41.283	ng	99
67) 4-Bromophenyl-phenylether	16.483	248	268813	42.362	ng	94
68) Hexachlorobenzene	16.601	284	318432	42.373	ng	97
69) Atrazine	16.754	200	232026	46.212	ng	97
70) Pentachlorophenol	16.942	266	422638	87.806	ng	99
71) Phenanthrene	17.335	178	1252897	43.657	ng	100
72) Anthracene	17.423	178	1255350	44.489	ng	98
73) Carbazole	17.694	167	1125888	43.404	ng	99
74) Di-n-butylphthalate	18.258	149	1298531	44.389	ng	100
75) Fluoranthene	19.345	202	1600040	44.083	ng	99
77) Benzidine	19.527	184	138063	11.853	ng	99
78) Pyrene	19.709	202	1658682	40.376	ng	99
80) Butylbenzylphthalate	20.602	149	542973	44.998	ng	98
81) Benzo(a)anthracene	21.519	228	1784919	43.789	ng	100
82) 3,3'-Dichlorobenzidine	21.436	252	486602	36.645	ng	99
83) Chrysene	21.583	228	1699077	43.517	ng	100
84) Bis(2-ethylhexyl)phtha...	21.436	149	799940	43.637	ng	97
85) Di-n-octyl phthalate	22.600	149	1392692	43.390	ng	100
87) Indeno(1,2,3-cd)pyrene	28.087	276	2171046	49.475	ng	97
88) Benzo(b)fluoranthene	23.640	252	1802839	47.695	ng	99
89) Benzo(k)fluoranthene	23.704	252	1769154	47.847	ng	99
90) Benzo(a)pyrene	24.468	252	1642835	49.196	ng	98
91) Dibenzo(a,h)anthracene	28.146	278	1804231	49.911	ng	97
92) Benzo(g,h,i)perylene	29.169	276	1695534	46.515	ng	98

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

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