Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111422\
Data File : BP012648.D
Acq On : 14 Nov 2022 11:52
Operator : CG/JU
Sample : PB148922BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 14 16:57:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 14 04:00:17 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB148922BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	303480	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	1321594	20.000	ng		0.00
39) Acenaphthene-d10	14.375	164	835384	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	1702305	20.000	ng		0.00
76) Chrysene-d12	21.239	240	1647464	20.000	ng		0.00
86) Perylene-d12	23.586	264	1760709	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	2451778	150.434	ng		0.00
7) Phenol-d6	6.905	99	3202809	141.576	ng		0.00
23) Nitrobenzene-d5	8.887	82	1906511	80.032	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	1496851	131.255	ng		0.00
45) 2-Fluorobiphenyl	12.993	172	4260326	77.420	ng		0.00
79) Terphenyl-d14	19.710	244	6380165	78.458	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.193	88	226798	32.437	ng		99
3) Pyridine	3.593	79	599630	29.420	ng		97
4) n-Nitrosodimethylamine	3.511	42	322886	42.797	ng		97
6) Aniline	7.052	93	1154839	40.343	ng		99
8) 2-Chlorophenol	7.281	128	980716	47.514	ng		99
9) Benzaldehyde	6.863	77	95354	6.682	ng		99
10) Phenol	6.928	94	1216494	47.597	ng		99
11) bis(2-Chloroethyl)ether	7.146	93	899225	42.548	ng		99
12) 1,3-Dichlorobenzene	7.593	146	943844	41.499	ng		99
13) 1,4-Dichlorobenzene	7.746	146	965436	41.475	ng		100
14) 1,2-Dichlorobenzene	8.057	146	946926	42.750	ng		98
15) Benzyl Alcohol	7.969	79	784402m	46.329	ng		
16) 2,2'-oxybis(1-Chloropr...	8.252	45	1140161	41.540	ng		99
17) 2-Methylphenol	8.169	107	810382	46.018	ng		99
18) Hexachloroethane	8.781	117	350056	42.052	ng		98
19) n-Nitroso-di-n-propyla...	8.534	70	659173	40.139	ng		99
20) 3+4-Methylphenols	8.505	107	1104037	44.606	ng		99
22) Acetophenone	8.552	105	1365456	41.486	ng	#	99
24) Nitrobenzene	8.928	77	1017259	41.018	ng		100
25) Isophorone	9.457	82	1897333	42.397	ng		100
26) 2-Nitrophenol	9.634	139	523807	44.005	ng		99
27) 2,4-Dimethylphenol	9.704	122	894314	50.290	ng		100
28) bis(2-Chloroethoxy)met...	9.934	93	1220990	44.033	ng		100
29) 2,4-Dichlorophenol	10.169	162	930030	44.147	ng		99
30) 1,2,4-Trichlorobenzene	10.375	180	895299	39.216	ng		99
31) Naphthalene	10.563	128	2792640	38.896	ng		100
32) Benzoic acid	9.893	122	722232	40.431	ng		97
33) 4-Chloroaniline	10.687	127	987573	32.978	ng		98
34) Hexachlorobutadiene	10.834	225	567993	39.324	ng		99
35) Caprolactam	11.516	113	299328m	42.511	ng		
36) 4-Chloro-3-methylphenol	11.828	107	1017448	42.790	ng		98
37) 2-Methylnaphthalene	12.181	142	1996724	38.799	ng		100
38) 1-Methylnaphthalene	12.398	142	1902253	37.778	ng		100
40) 1,2,4,5-Tetrachloroben...	12.551	216	1051448	42.241	ng		99
41) Hexachlorocyclopentadiene	12.522	237	1111644	87.030	ng		99
43) 2,4,6-Trichlorophenol	12.804	196	752327	43.027	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	803774	41.183	ng	99
46) 1,1'-Biphenyl	13.204	154	2569469	41.533	ng	100
47) 2-Chloronaphthalene	13.245	162	1960927	40.385	ng	100
48) 2-Nitroaniline	13.469	65	627079	42.701	ng	99
49) Acenaphthylene	14.092	152	3121044	40.477	ng	100
50) Dimethylphthalate	13.845	163	2578751	39.061	ng	100
51) 2,6-Dinitrotoluene	13.969	165	580458	41.230	ng	97
52) Acenaphthene	14.439	154	1863323	39.701	ng	99
53) 3-Nitroaniline	14.304	138	518650	34.230	ng	99
54) 2,4-Dinitrophenol	14.516	184	737600	74.190	ng	98
55) Dibenzofuran	14.775	168	2925578	39.439	ng	100
56) 4-Nitrophenol	14.634	139	1036455	82.307	ng	97
57) 2,4-Dinitrotoluene	14.763	165	759032	41.833	ng	99
58) Fluorene	15.428	166	2269766	38.762	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.010	232	692307	38.514	ng	99
60) Diethylphthalate	15.216	149	2575571	38.971	ng	99
61) 4-Chlorophenyl-phenyle...	15.422	204	1163383	40.082	ng	98
62) 4-Nitroaniline	15.481	138	587006	37.516	ng	99
63) Azobenzene	15.722	77	2360692	39.848	ng	99
65) 4,6-Dinitro-2-methylph...	15.528	198	450358	38.939	ng	96
66) n-Nitrosodiphenylamine	15.645	169	2107634	41.973	ng	99
67) 4-Bromophenyl-phenylether	16.322	248	798065	41.705	ng	97
68) Hexachlorobenzene	16.433	284	943670	41.313	ng	99
69) Atrazine	16.610	200	692893	39.573	ng	98
70) Pentachlorophenol	16.786	266	1189841	84.446	ng	99
71) Phenanthrene	17.181	178	3720779	39.651	ng	100
72) Anthracene	17.269	178	3733828	41.473	ng	99
73) Carbazole	17.551	167	3501347	41.530	ng	100
74) Di-n-butylphthalate	18.104	149	4377649	41.579	ng	100
75) Fluoranthene	19.157	202	4374436	39.777	ng	99
77) Benzidine	19.351	184	2199048	60.502	ng	99
78) Pyrene	19.510	202	4472920	39.356	ng	100
80) Butylbenzylphthalate	20.392	149	2005118	41.656	ng	99
81) Benzo(a)anthracene	21.227	228	4459489	40.482	ng	100
82) 3,3'-Dichlorobenzidine	21.163	252	1817281	48.309	ng	99
83) Chrysene	21.280	228	4146928	39.494	ng	100
84) Bis(2-ethylhexyl)phtha...	21.145	149	2887620	43.862	ng	99
85) Di-n-octyl phthalate	22.051	149	5113564	46.045	ng	99
87) Indeno(1,2,3-cd)pyrene	26.027	276	5738534	45.992	ng	99
88) Benzo(b)fluoranthene	22.874	252	5192860	45.844	ng	99
89) Benzo(k)fluoranthene	22.921	252	4759570	43.064	ng	99
90) Benzo(a)pyrene	23.486	252	4460231	48.219	ng	99
91) Dibenzo(a,h)anthracene	26.045	278	5104835	48.948	ng	99
92) Benzo(g,h,i)perylene	26.774	276	5041083	49.503	ng	99

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

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