Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022424\
Data File : BP019857.D
Acq On : 24 Feb 2024 12:30
Operator : MA/JU
Sample : PB159229BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 26 00:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 13:10:49 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB159229BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	92112	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	342896	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	218317	20.000	ng		0.00
64) Phenanthrene-d10	17.310	188	496150	20.000	ng		0.00
76) Chrysene-d12	21.416	240	431943	20.000	ng		-0.01
86) Perylene-d12	23.851	264	474560	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	775326	135.679	ng		0.00
7) Phenol-d6	7.087	99	981256	127.351	ng		0.01
23) Nitrobenzene-d5	9.081	82	675665	85.383	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	510175	160.051	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	1509239	85.461	ng		0.00
79) Terphenyl-d14	19.880	244	2579476	98.209	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	77603	35.248	ng		99
3) Pyridine	3.781	79	202968	34.004	ng		97
4) n-Nitrosodimethylamine	3.705	42	114233	43.957	ng		96
6) Aniline	7.240	93	211544	28.255	ng		99
8) 2-Chlorophenol	7.469	128	273105	46.551	ng		99
9) Benzaldehyde	7.058	77	90418m	16.737	ng		
10) Phenol	7.110	94	350631	45.658	ng		98
11) bis(2-Chloroethyl)ether	7.340	93	268104	44.874	ng		99
12) 1,3-Dichlorobenzene	7.793	146	309239	43.077	ng		96
13) 1,4-Dichlorobenzene	7.940	146	319595	43.942	ng		99
14) 1,2-Dichlorobenzene	8.252	146	302027	42.920	ng		98
15) Benzyl Alcohol	8.157	79	284300	46.179	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.428	45	272785	45.658	ng		99
17) 2-Methylphenol	8.357	107	231749	44.824	ng		100
18) Hexachloroethane	8.969	117	121853	43.224	ng		96
19) n-Nitroso-di-n-propyla...	8.722	70	224116	42.584	ng		99
20) 3+4-Methylphenols	8.693	107	311983	44.215	ng		97
22) Acetophenone	8.740	105	430485	44.068	ng	#	97
24) Nitrobenzene	9.122	77	333229	41.823	ng		99
25) Isophorone	9.646	82	603928	43.822	ng		98
26) 2-Nitrophenol	9.828	139	149049	49.062	ng		98
27) 2,4-Dimethylphenol	9.893	122	200528	51.621	ng		98
28) bis(2-Chloroethoxy)met...	10.134	93	345923	44.364	ng		99
29) 2,4-Dichlorophenol	10.363	162	274234	46.700	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	317046	44.034	ng		99
31) Naphthalene	10.757	128	807553	42.940	ng		100
32) Benzoic acid	10.063	122	188442	49.789	ng		96
33) 4-Chloroaniline	10.881	127	103928	14.943	ng		96
34) Hexachlorobutadiene	11.022	225	229807	43.071	ng		98
35) Caprolactam	11.698	113	82575	49.673	ng		94
36) 4-Chloro-3-methylphenol	12.010	107	302010	47.167	ng		99
37) 2-Methylnaphthalene	12.369	142	561821	43.168	ng		99
38) 1-Methylnaphthalene	12.587	142	540043	42.224	ng		100
40) 1,2,4,5-Tetrachloroben...	12.734	216	391741	46.527	ng		98
41) Hexachlorocyclopentadiene	12.698	237	431250	113.380	ng		99
43) 2,4,6-Trichlorophenol	12.981	196	248410	48.724	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	269102	48.068	ng	98
46) 1,1'-Biphenyl	13.381	154	764310	43.864	ng	99
47) 2-Chloronaphthalene	13.422	162	609606	42.619	ng	99
48) 2-Nitroaniline	13.640	65	198413	49.608	ng	97
49) Acenaphthylene	14.269	152	975125	48.593	ng	99
50) Dimethylphthalate	14.016	163	791113	47.336	ng	99
51) 2,6-Dinitrotoluene	14.145	165	172147	46.882	ng	93
52) Acenaphthene	14.610	154	543130	43.608	ng	99
53) 3-Nitroaniline	14.475	138	116136	34.416	ng	98
54) 2,4-Dinitrophenol	14.692	184	229489	120.372	ng	97
55) Dibenzofuran	14.945	168	935606	46.122	ng	98
56) 4-Nitrophenol	14.792	139	268072	96.921	ng	97
57) 2,4-Dinitrotoluene	14.934	165	245377	50.995	ng	96
58) Fluorene	15.598	166	755449	46.757	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	248403	52.751	ng	97
60) Diethylphthalate	15.381	149	792480	47.672	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	426187	46.932	ng	95
62) 4-Nitroaniline	15.639	138	164634	46.545	ng	99
63) Azobenzene	15.892	77	745026	46.347	ng	98
65) 4,6-Dinitro-2-methylph...	15.698	198	152313	53.838	ng	98
66) n-Nitrosodiphenylamine	15.816	169	659985	44.416	ng	98
67) 4-Bromophenyl-phenylether	16.498	248	280882	45.285	ng	96
68) Hexachlorobenzene	16.598	284	324962	44.865	ng	97
69) Atrazine	16.781	200	246129	49.917	ng	96
70) Pentachlorophenol	16.957	266	429292	95.174	ng	99
71) Phenanthrene	17.351	178	1205745	46.178	ng	99
72) Anthracene	17.445	178	1211778	46.523	ng	99
73) Carbazole	17.722	167	1062758	44.913	ng	99
74) Di-n-butylphthalate	18.275	149	1333583	46.611	ng	99
75) Fluoranthene	19.327	202	1459605	45.760	ng	100
77) Benzidine	19.516	184	419378	46.440	ng	100
78) Pyrene	19.680	202	1473120	48.323	ng	99
80) Butylbenzylphthalate	20.569	149	564793	49.611	ng	97
81) Benzo(a)anthracene	21.398	228	1410737	46.397	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	477364	43.084	ng	99
83) Chrysene	21.457	228	1322140	45.801	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	792070	45.691	ng	100
85) Di-n-octyl phthalate	22.280	149	1333801	43.730	ng	100
87) Indeno(1,2,3-cd)pyrene	26.409	276	1791853	49.327	ng	98
88) Benzo(b)fluoranthene	23.110	252	1401220	46.849	ng	99
89) Benzo(k)fluoranthene	23.163	252	1368027	47.883	ng	99
90) Benzo(a)pyrene	23.745	252	1288448	48.415	ng	99
91) Dibenzo(a,h)anthracene	26.433	278	1497687	50.129	ng	97
92) Benzo(g,h,i)perylene	27.198	276	1425744	47.039	ng	98

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

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