Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019932.D
Acq On : 29 Feb 2024 12:15
Operator : MA/JU
Sample : PB159345BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 29 12:51:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 29 12:18:35 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB159345BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	101853	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	419490	20.000	ng		0.00
39) Acenaphthene-d10	14.557	164	298215	20.000	ng		0.00
64) Phenanthrene-d10	17.322	188	682314	20.000	ng		0.00
76) Chrysene-d12	21.428	240	524513	20.000	ng		0.00
86) Perylene-d12	23.863	264	515135	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	904640	145.784	ng		0.00
7) Phenol-d6	7.093	99	1241012	134.325	ng		0.00
23) Nitrobenzene-d5	9.087	82	819140	78.833	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	755256	147.703	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	2045356	92.668	ng		0.00
79) Terphenyl-d14	19.892	244	3373888	101.384	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	70075	32.649	ng		100
3) Pyridine	3.781	79	196561	29.942	ng		97
4) n-Nitrosodimethylamine	3.705	42	118774	43.906	ng		100
6) Aniline	7.246	93	276339	24.382	ng		97
8) 2-Chlorophenol	7.475	128	333042	49.771	ng		99
9) Benzaldehyde	7.058	77	57577m	10.918	ng		
10) Phenol	7.122	94	440859	47.854	ng		95
11) bis(2-Chloroethyl)ether	7.346	93	302499	41.691	ng		98
12) 1,3-Dichlorobenzene	7.793	146	342267	47.111	ng		99
13) 1,4-Dichlorobenzene	7.946	146	350894	47.696	ng		100
14) 1,2-Dichlorobenzene	8.258	146	342086	46.353	ng		100
15) Benzyl Alcohol	8.164	79	357347	43.843	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.434	45	300325m	38.767	ng		
17) 2-Methylphenol	8.369	107	297554	43.187	ng		97
18) Hexachloroethane	8.975	117	131800	46.232	ng		96
19) n-Nitroso-di-n-propyla...	8.734	70	273951	39.251	ng		98
20) 3+4-Methylphenols	8.699	107	410046	41.419	ng		98
22) Acetophenone	8.752	105	523156	40.155	ng	#	99
24) Nitrobenzene	9.128	77	408500	40.608	ng		98
25) Isophorone	9.658	82	747480	41.330	ng		99
26) 2-Nitrophenol	9.834	139	193042	47.959	ng		97
27) 2,4-Dimethylphenol	9.899	122	268488	40.405	ng		99
28) bis(2-Chloroethoxy)met...	10.140	93	426776	42.284	ng		99
29) 2,4-Dichlorophenol	10.375	162	372805	50.299	ng		96
30) 1,2,4-Trichlorobenzene	10.575	180	387061	47.535	ng		100
31) Naphthalene	10.769	128	995300	44.313	ng		99
32) Benzoic acid	10.110	122	259743	46.137	ng		97
33) 4-Chloroaniline	10.893	127	197358	19.341	ng		98
34) Hexachlorobutadiene	11.028	225	278649	47.058	ng		98
35) Caprolactam	11.734	113	112188m	41.045	ng		
36) 4-Chloro-3-methylphenol	12.028	107	408254	44.651	ng		100
37) 2-Methylnaphthalene	12.381	142	727580	41.730	ng		98
38) 1-Methylnaphthalene	12.599	142	698174	42.319	ng		96
40) 1,2,4,5-Tetrachloroben...	12.746	216	515272	50.583	ng		98
41) Hexachlorocyclopentadiene	12.704	237	538919	102.172	ng		98
43) 2,4,6-Trichlorophenol	12.993	196	346805	51.562	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	382479	47.738	ng	97
46) 1,1'-Biphenyl	13.393	154	1022688	47.896	ng	100
47) 2-Chloronaphthalene	13.434	162	819277	49.433	ng	99
48) 2-Nitroaniline	13.657	65	265721	44.361	ng	95
49) Acenaphthylene	14.281	152	1312359	48.876	ng	99
50) Dimethylphthalate	14.034	163	1090097	44.778	ng	99
51) 2,6-Dinitrotoluene	14.157	165	242879	46.356	ng	98
52) Acenaphthene	14.622	154	727470	45.122	ng	99
53) 3-Nitroaniline	14.487	138	161344	31.109	ng	100
54) 2,4-Dinitrophenol	14.710	184	337217	98.735	ng	98
55) Dibenzofuran	14.963	168	1276936	46.409	ng	98
56) 4-Nitrophenol	14.816	139	368731	90.885	ng	96
57) 2,4-Dinitrotoluene	14.951	165	343453	46.059	ng	97
58) Fluorene	15.610	166	1044769	46.818	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.193	232	350776	47.719	ng	97
60) Diethylphthalate	15.398	149	1066919	44.362	ng	98
61) 4-Chlorophenyl-phenyle...	15.610	204	605012	47.407	ng	96
62) 4-Nitroaniline	15.657	138	224993m	41.650	ng	
63) Azobenzene	15.904	77	976665	43.622	ng	98
65) 4,6-Dinitro-2-methylph...	15.722	198	218652	47.214	ng	98
66) n-Nitrosodiphenylamine	15.834	169	914292	46.699	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	401694	47.613	ng	98
68) Hexachlorobenzene	16.616	284	466594	51.282	ng	97
69) Atrazine	16.798	200	331621	40.481	ng	100
70) Pentachlorophenol	16.969	266	606879	90.239	ng	99
71) Phenanthrene	17.363	178	1637073	44.950	ng	100
72) Anthracene	17.457	178	1648691	44.346	ng	100
73) Carbazole	17.734	167	1437165	43.646	ng	99
74) Di-n-butylphthalate	18.287	149	1759742	42.731	ng	100
75) Fluoranthene	19.334	202	1889343	39.973	ng	99
77) Benzidine	19.522	184	454714	30.180	ng	100
78) Pyrene	19.686	202	1881026	52.197	ng	100
80) Butylbenzylphthalate	20.569	149	661497	45.903	ng	100
81) Benzo(a)anthracene	21.410	228	1729047	46.440	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	515793	36.121	ng	99
83) Chrysene	21.463	228	1595331	45.728	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	919501	44.449	ng	100
85) Di-n-octyl phthalate	22.280	149	1527132	44.358	ng	100
87) Indeno(1,2,3-cd)pyrene	26.433	276	1673391	46.142	ng	99
88) Benzo(b)fluoranthene	23.122	252	1619313	51.273	ng	99
89) Benzo(k)fluoranthene	23.169	252	1544669	49.870	ng	99
90) Benzo(a)pyrene	23.757	252	1413688	46.839	ng	99
91) Dibenzo(a,h)anthracene	26.457	278	1409488	46.232	ng	98
92) Benzo(g,h,i)perylene	27.215	276	1282626	43.581	ng	98

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

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