Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
Data File : BP019780.D
Acq On : 20 Feb 2024 11:52
Operator : MA/JU
Sample : PB159054BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 20 12:33:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 19 23:35:42 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB159054BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2024
Supervised By :mohammad ahmed 02/21/2024

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02/21/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.899	152	68963	20.000	ng		0.00
21) Naphthalene-d8	10.699	136	254707	20.000	ng		0.00
39) Acenaphthene-d10	14.540	164	163050	20.000	ng		0.00
64) Phenanthrene-d10	17.292	188	373227	20.000	ng		0.00
76) Chrysene-d12	21.386	240	361121	20.000	ng		0.00
86) Perylene-d12	23.810	264	426601	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	537748	125.692	ng		0.00
7) Phenol-d6	7.075	99	685879	118.896	ng		0.00
23) Nitrobenzene-d5	9.069	82	466512	79.364	ng		0.00
42) 2,4,6-Tribromophenol	16.034	330	371150	155.903	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	1068103	80.982	ng		0.00
79) Terphenyl-d14	19.863	244	1915359	87.225	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	54991	33.361	ng		98
3) Pyridine	3.781	79	145047	32.457	ng		99
4) n-Nitrosodimethylamine	3.699	42	79759	40.994	ng		96
6) Aniline	7.228	93	133254	23.773	ng		99
8) 2-Chlorophenol	7.464	128	194562	44.295	ng		97
9) Benzaldehyde	7.058	77	8384m	2.073	ng		
10) Phenol	7.105	94	244543	42.532	ng		98
11) bis(2-Chloroethyl)ether	7.334	93	183265	40.970	ng		99
12) 1,3-Dichlorobenzene	7.787	146	221304	41.175	ng		98
13) 1,4-Dichlorobenzene	7.934	146	227819	41.838	ng		98
14) 1,2-Dichlorobenzene	8.246	146	219868	41.732	ng		99
15) Benzyl Alcohol	8.152	79	196498m	42.631	ng		
16) 2,2'-oxybis(1-Chloropr...	8.422	45	179403	40.107	ng		98
17) 2-Methylphenol	8.352	107	161769	41.792	ng		98
18) Hexachloroethane	8.969	117	86657	41.057	ng		98
19) n-Nitroso-di-n-propyla...	8.716	70	151632	38.482	ng		99
20) 3+4-Methylphenols	8.681	107	220332	41.708	ng		98
22) Acetophenone	8.734	105	301888	41.604	ng	#	97
24) Nitrobenzene	9.116	77	233295	39.419	ng		97
25) Isophorone	9.640	82	413449	40.387	ng		99
26) 2-Nitrophenol	9.822	139	105870	46.915	ng		99
27) 2,4-Dimethylphenol	9.881	122	143271	49.651	ng		99
28) bis(2-Chloroethoxy)met...	10.128	93	233680	40.345	ng		99
29) 2,4-Dichlorophenol	10.352	162	196592	45.070	ng		98
30) 1,2,4-Trichlorobenzene	10.563	180	229046	42.826	ng		99
31) Naphthalene	10.752	128	576601	41.276	ng		99
32) Benzoic acid	10.040	122	130603	46.455	ng		98
33) 4-Chloroaniline	10.875	127	64082	12.404	ng		99
34) Hexachlorobutadiene	11.016	225	170239	42.954	ng		97
35) Caprolactam	11.681	113	58339	47.244	ng		95
36) 4-Chloro-3-methylphenol	11.999	107	211256	44.417	ng		100
37) 2-Methylnaphthalene	12.363	142	402068	41.589	ng		99
38) 1-Methylnaphthalene	12.581	142	383958	40.415	ng		99
40) 1,2,4,5-Tetrachloroben...	12.728	216	283115	45.023	ng		99
41) Hexachlorocyclopentadiene	12.693	237	331425	116.670	ng		100
43) 2,4,6-Trichlorophenol	12.975	196	176433	46.336	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	193220	46.212	ng	97
46) 1,1'-Biphenyl	13.375	154	545985	41.955	ng	99
47) 2-Chloronaphthalene	13.416	162	437563	40.960	ng	98
48) 2-Nitroaniline	13.628	65	136866	45.819	ng	99
49) Acenaphthylene	14.257	152	694184	46.318	ng	100
50) Dimethylphthalate	14.010	163	552255	44.244	ng	99
51) 2,6-Dinitrotoluene	14.134	165	121241	44.210	ng	97
52) Acenaphthene	14.598	154	388267	41.741	ng	98
53) 3-Nitroaniline	14.457	138	78679	31.219	ng	96
54) 2,4-Dinitrophenol	14.675	184	155163	108.973	ng	97
55) Dibenzofuran	14.940	168	666619	44.001	ng	99
56) 4-Nitrophenol	14.775	139	199963	96.802	ng	97
57) 2,4-Dinitrotoluene	14.922	165	173324	48.230	ng	98
58) Fluorene	15.587	166	536468	44.459	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.163	232	182795	51.976	ng	95
60) Diethylphthalate	15.369	149	547751	44.119	ng	100
61) 4-Chlorophenyl-phenyle...	15.587	204	301684	44.482	ng	94
62) 4-Nitroaniline	15.622	138	120278	45.531	ng	97
63) Azobenzene	15.881	77	504226	41.999	ng	97
65) 4,6-Dinitro-2-methylph...	15.687	198	109095	51.262	ng	92
66) n-Nitrosodiphenylamine	15.804	169	470452	42.088	ng	99
67) 4-Bromophenyl-phenylether	16.487	248	203767	43.673	ng	94
68) Hexachlorobenzene	16.587	284	236511	43.408	ng	97
69) Atrazine	16.769	200	181034	48.807	ng	97
70) Pentachlorophenol	16.939	266	330148	97.300	ng	98
71) Phenanthrene	17.339	178	865484	44.064	ng	99
72) Anthracene	17.428	178	875328	44.674	ng	99
73) Carbazole	17.704	167	794231	44.620	ng	99
74) Di-n-butylphthalate	18.263	149	907044	42.144	ng	99
75) Fluoranthene	19.304	202	1088697	45.373	ng	99
77) Benzidine	19.492	184	312097	41.338	ng	99
78) Pyrene	19.657	202	1126582	44.203	ng	100
80) Butylbenzylphthalate	20.545	149	400224	42.050	ng	96
81) Benzo(a)anthracene	21.375	228	1120297	44.071	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	356410	38.476	ng	99
83) Chrysene	21.427	228	1061249	43.973	ng	100
84) Bis(2-ethylhexyl)phtha...	21.310	149	549135	37.889	ng	99
85) Di-n-octyl phthalate	22.251	149	961900	37.722	ng	100
87) Indeno(1,2,3-cd)pyrene	26.345	276	1498353	45.885	ng	97
88) Benzo(b)fluoranthene	23.069	252	1204313	44.792	ng	98
89) Benzo(k)fluoranthene	23.122	252	1106605	43.087	ng	99
90) Benzo(a)pyrene	23.704	252	1084852	45.348	ng	99
91) Dibenzo(a,h)anthracene	26.374	278	1233188	45.917	ng	97
92) Benzo(g,h,i)perylene	27.121	276	1192135	43.753	ng	97

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

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