Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
Data File : BP019762.D
Acq On : 19 Feb 2024 14:31
Operator : MA/JU
Sample : PB159068BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB159068BS

Quant Time: Feb 19 14:56:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.899	152	68284	20.000	ng		-0.02
21) Naphthalene-d8	10.699	136	252527	20.000	ng		-0.02
39) Acenaphthene-d10	14.534	164	168830	20.000	ng		-0.02
64) Phenanthrene-d10	17.292	188	395536	20.000	ng		-0.01
76) Chrysene-d12	21.386	240	388252	20.000	ng		0.00
86) Perylene-d12	23.804	264	443142	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	541897	127.921	ng		-0.01
7) Phenol-d6	7.075	99	693535	121.419	ng		-0.01
23) Nitrobenzene-d5	9.069	82	480903	82.519	ng		-0.02
42) 2,4,6-Tribromophenol	16.034	330	399189	161.940	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	1131845	82.877	ng		-0.02
79) Terphenyl-d14	19.857	244	2156889	91.361	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	54420	33.343	ng		99
3) Pyridine	3.781	79	138249	31.243	ng		99
4) n-Nitrosodimethylamine	3.699	42	80467	41.769	ng		100
6) Aniline	7.234	93	127880	23.041	ng		99
8) 2-Chlorophenol	7.464	128	194608	44.746	ng		96
9) Benzaldehyde	7.058	77	8857m	2.212	ng		
10) Phenol	7.099	94	245612	43.143	ng		99
11) bis(2-Chloroethyl)ether	7.340	93	179682	40.569	ng		97
12) 1,3-Dichlorobenzene	7.787	146	218833	41.120	ng		98
13) 1,4-Dichlorobenzene	7.934	146	225136	41.757	ng		99
14) 1,2-Dichlorobenzene	8.246	146	215020	41.218	ng		99
15) Benzyl Alcohol	8.152	79	193097m	42.310	ng		
16) 2,2'-oxybis(1-Chloropr...	8.428	45	176391	39.826	ng		99
17) 2-Methylphenol	8.352	107	165355	43.143	ng		99
18) Hexachloroethane	8.969	117	85709	41.012	ng		99
19) n-Nitroso-di-n-propyla...	8.716	70	153902	39.447	ng		99
20) 3+4-Methylphenols	8.681	107	221020	42.254	ng		96
22) Acetophenone	8.734	105	308812	42.926	ng	#	98
24) Nitrobenzene	9.111	77	238053	40.570	ng		100
25) Isophorone	9.640	82	425381	41.912	ng		99
26) 2-Nitrophenol	9.822	139	105887	47.328	ng		96
27) 2,4-Dimethylphenol	9.881	122	153871	53.785	ng		99
28) bis(2-Chloroethoxy)met...	10.128	93	240107	41.813	ng		99
29) 2,4-Dichlorophenol	10.352	162	202188	46.753	ng		97
30) 1,2,4-Trichlorobenzene	10.563	180	228651	43.121	ng		99
31) Naphthalene	10.752	128	572699	41.350	ng		99
32) Benzoic acid	10.034	122	140835	50.527	ng		96
33) 4-Chloroaniline	10.875	127	53210	10.389	ng		96
34) Hexachlorobutadiene	11.022	225	167691	42.676	ng		99
35) Caprolactam	11.681	113	62104	50.727	ng		95
36) 4-Chloro-3-methylphenol	11.999	107	219808	46.614	ng		100
37) 2-Methylnaphthalene	12.363	142	407895	42.556	ng		98
38) 1-Methylnaphthalene	12.581	142	395908	42.032	ng		99
40) 1,2,4,5-Tetrachloroben...	12.728	216	296245	45.498	ng		99
41) Hexachlorocyclopentadiene	12.693	237	358289	121.809	ng		98
43) 2,4,6-Trichlorophenol	12.969	196	184873	46.890	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	200588	46.332	ng		97
46) 1,1'-Biphenyl	13.375	154	576585	42.790	ng		99
47) 2-Chloronaphthalene	13.416	162	448655	40.561	ng		98
48) 2-Nitroaniline	13.628	65	140145	45.311	ng		99
49) Acenaphthylene	14.257	152	728195	46.924	ng		100
50) Dimethylphthalate	14.010	163	585565	45.307	ng		100
51) 2,6-Dinitrotoluene	14.134	165	129807	45.713	ng		93
52) Acenaphthene	14.598	154	410557	42.626	ng		98
53) 3-Nitroaniline	14.457	138	76795	29.428	ng		94
54) 2,4-Dinitrophenol	14.669	184	172431	116.954	ng		99
55) Dibenzofuran	14.940	168	700081	44.628	ng		99
56) 4-Nitrophenol	14.769	139	209515	97.954	ng		99
57) 2,4-Dinitrotoluene	14.916	165	184211	49.504	ng		97
58) Fluorene	15.587	166	569587	45.587	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	194464	53.401	ng		96
60) Diethylphthalate	15.369	149	588598	45.786	ng		99
61) 4-Chlorophenyl-phenyle...	15.587	204	322258	45.889	ng		97
62) 4-Nitroaniline	15.622	138	123960	45.318	ng		98
63) Azobenzene	15.881	77	532979	42.874	ng		98
65) 4,6-Dinitro-2-methylph...	15.681	198	112007	49.662	ng		95
66) n-Nitrosodiphenylamine	15.804	169	501299	42.318	ng		99
67) 4-Bromophenyl-phenylether	16.487	248	213362	43.150	ng		94
68) Hexachlorobenzene	16.587	284	254557	44.085	ng		95
69) Atrazine	16.769	200	210479	53.545	ng		97
70) Pentachlorophenol	16.939	266	354426	98.564	ng		98
71) Phenanthrene	17.339	178	923025	44.343	ng		99
72) Anthracene	17.428	178	934250	44.992	ng		99
73) Carbazole	17.704	167	837262	44.384	ng		99
74) Di-n-butylphthalate	18.263	149	999859	43.837	ng		100
75) Fluoranthene	19.304	202	1165856	45.848	ng		100
77) Benzidine	19.492	184	261798	32.253	ng		99
78) Pyrene	19.657	202	1208334	44.098	ng		99
80) Butylbenzylphthalate	20.545	149	447925	43.773	ng		96
81) Benzo(a)anthracene	21.369	228	1228720	44.959	ng		99
82) 3,3'-Dichlorobenzidine	21.310	252	337173	33.856	ng		99
83) Chrysene	21.427	228	1138409	43.874	ng		99
84) Bis(2-ethylhexyl)phtha...	21.310	149	653620	41.947	ng		98
85) Di-n-octyl phthalate	22.245	149	1323732	48.284	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.339	276	1530261	45.113	ng		98
88) Benzo(b)fluoranthene	23.069	252	1244368	44.554	ng		99
89) Benzo(k)fluoranthene	23.116	252	1179422	44.208	ng		100
90) Benzo(a)pyrene	23.698	252	1109223	44.636	ng		99
91) Dibenzo(a,h)anthracene	26.368	278	1292530	46.330	ng		98
92) Benzo(g,h,i)perylene	27.115	276	1232001	43.529	ng		97

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

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