Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080323\
Data File : BP016491.D
Acq On : 03 Aug 2023 14:33
Operator : MA/JU
Sample : PB154403BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB154403BS

Quant Time: Aug 03 18:29:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 03 18:07:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.069	152	395311	20.000	ng		0.00
21) Naphthalene-d8	10.905	136	1478942	20.000	ng		0.00
39) Acenaphthene-d10	14.722	164	769630	20.000	ng		0.00
64) Phenanthrene-d10	17.487	188	1452086	20.000	ng		0.00
76) Chrysene-d12	21.586	240	1158406	20.000	ng		0.00
86) Perylene-d12	24.180	264	1293698	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	3336109	137.678	ng		0.00
7) Phenol-d6	7.217	99	4038134	121.583	ng		0.00
23) Nitrobenzene-d5	9.269	82	2417810	91.515	ng		0.00
42) 2,4,6-Tribromophenol	16.216	330	1204942	106.421	ng		0.00
45) 2-Fluorobiphenyl	13.346	172	4865407	90.633	ng		0.00
79) Terphenyl-d14	20.034	244	5793311	105.644	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	434654	45.993	ng		99
3) Pyridine	3.858	79	1155121	40.891	ng		98
4) n-Nitrosodimethylamine	3.781	42	490532	46.055	ng		98
6) Aniline	7.405	93	1297038	31.617	ng		99
8) 2-Chlorophenol	7.622	128	1258255	49.525	ng		98
9) Benzaldehyde	7.222	77	686571	46.409	ng		98
10) Phenol	7.240	94	1550611	48.075	ng		99
11) bis(2-Chloroethyl)ether	7.499	93	1245214	47.494	ng		99
12) 1,3-Dichlorobenzene	7.952	146	1383468	50.724	ng		98
13) 1,4-Dichlorobenzene	8.111	146	1410475	50.981	ng		99
14) 1,2-Dichlorobenzene	8.422	146	1336606	50.176	ng		98
15) Benzyl Alcohol	8.322	79	1025392	45.190	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.605	45	1416567	47.641	ng		99
17) 2-Methylphenol	8.505	107	999957	43.018	ng		98
18) Hexachloroethane	9.146	117	509033	51.581	ng		94
19) n-Nitroso-di-n-propyla...	8.893	70	852926	40.992	ng		99
20) 3+4-Methylphenols	8.840	107	1325833	41.997	ng		100
22) Acetophenone	8.916	105	1778035	47.617	ng	#	100
24) Nitrobenzene	9.311	77	1313279	48.396	ng		98
25) Isophorone	9.828	82	2327656	43.638	ng		99
26) 2-Nitrophenol	10.016	139	585563	49.932	ng		96
27) 2,4-Dimethylphenol	10.052	122	1045292	43.804	ng		100
28) bis(2-Chloroethoxy)met...	10.316	93	1505026	46.064	ng		99
29) 2,4-Dichlorophenol	10.540	162	1044983	46.792	ng		98
30) 1,2,4-Trichlorobenzene	10.752	180	1168823	48.321	ng		99
31) Naphthalene	10.958	128	3588202	46.384	ng		100
32) Benzoic acid	10.175	122	681236	44.100	ng		98
33) 4-Chloroaniline	11.081	127	627660	17.987	ng		99
34) Hexachlorobutadiene	11.193	225	667820	46.632	ng		99
35) Caprolactam	11.899	113	311717	38.199	ng		98
36) 4-Chloro-3-methylphenol	12.169	107	1067615	43.007	ng		98
37) 2-Methylnaphthalene	12.552	142	2333886	41.529	ng		99
38) 1-Methylnaphthalene	12.775	142	2221970	42.172	ng		100
40) 1,2,4,5-Tetrachloroben...	12.899	216	1165774	49.844	ng		98
41) Hexachlorocyclopentadiene	12.857	237	1454606	123.833	ng		100
43) 2,4,6-Trichlorophenol	13.146	196	761065	50.715	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.216	196	816881	44.867	ng		97
46) 1,1'-Biphenyl	13.557	154	2895886	49.361	ng		99
47) 2-Chloronaphthalene	13.604	162	2240647	50.624	ng		99
48) 2-Nitroaniline	13.828	65	611759	49.034	ng		99
49) Acenaphthylene	14.451	152	3571411	48.632	ng		99
50) Dimethylphthalate	14.181	163	2611240	43.539	ng		100
51) 2,6-Dinitrotoluene	14.316	165	569266	46.332	ng		94
52) Acenaphthene	14.787	154	2040139	46.717	ng		99
53) 3-Nitroaniline	14.651	138	421171	30.320	ng		91
54) 2,4-Dinitrophenol	14.851	184	559635	95.627	ng		98
55) Dibenzofuran	15.122	168	3225935	45.041	ng		100
56) 4-Nitrophenol	14.934	139	1033988	95.093	ng		98
57) 2,4-Dinitrotoluene	15.098	165	740944	46.273	ng		97
58) Fluorene	15.769	166	2499431	44.420	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.334	232	660231	44.083	ng		94
60) Diethylphthalate	15.534	149	2493249	41.832	ng		99
61) 4-Chlorophenyl-phenyle...	15.763	204	1217612	42.882	ng		97
62) 4-Nitroaniline	15.822	138	557793	40.463	ng		96
63) Azobenzene	16.057	77	2516103	44.709	ng		97
65) 4,6-Dinitro-2-methylph...	15.845	198	355989	51.785	ng		95
66) n-Nitrosodiphenylamine	15.987	169	2155933	50.379	ng		100
67) 4-Bromophenyl-phenylether	16.663	248	729840	47.467	ng	#	92
68) Hexachlorobenzene	16.745	284	839361	48.952	ng		95
69) Atrazine	16.934	200	701539	55.123	ng		98
70) Pentachlorophenol	17.110	266	924653	77.925	ng		95
71) Phenanthrene	17.534	178	3738861	48.491	ng		99
72) Anthracene	17.622	178	3747459	48.334	ng		100
73) Carbazole	17.898	167	3461522	47.620	ng		99
74) Di-n-butylphthalate	18.416	149	4023403	47.842	ng		100
75) Fluoranthene	19.492	202	4031499	44.609	ng		98
77) Benzidine	19.686	184	1545342	76.944	ng		99
78) Pyrene	19.845	202	4159059	53.559	ng		99
80) Butylbenzylphthalate	20.710	149	1672006	54.807	ng		100
81) Benzo(a)anthracene	21.569	228	3825174	49.215	ng		99
82) 3,3'-Dichlorobenzidine	21.504	252	939305	36.815	ng		99
83) Chrysene	21.628	228	3534697	47.625	ng		99
84) Bis(2-ethylhexyl)phtha...	21.451	149	2403760	52.482	ng		99
85) Di-n-octyl phthalate	22.445	149	4003774	51.976	ng		99
87) Indeno(1,2,3-cd)pyrene	26.951	276	4660749	53.437	ng		96
88) Benzo(b)fluoranthene	23.369	252	3827284	51.036	ng		98
89) Benzo(k)fluoranthene	23.427	252	3680068	48.252	ng		99
90) Benzo(a)pyrene	24.063	252	3374805	46.461	ng		98
91) Dibenzo(a,h)anthracene	26.980	278	3885146	53.414	ng		97
92) Benzo(g,h,i)perylene	27.810	276	3834021	54.699	ng		97

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

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