Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011623\
Data File : BF132085.D
Acq On : 16 Jan 2023 23:44
Operator : CG\JU
Sample : PB150221BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB150221BS

Quant Time: Jan 17 06:51:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 01:48:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.098	152	276752	20.000	ng		0.00
21) Naphthalene-d8	8.386	136	1001799	20.000	ng		0.00
39) Acenaphthene-d10	10.157	164	537673	20.000	ng		0.00
64) Phenanthrene-d10	11.657	188	1082392	20.000	ng		0.00
76) Chrysene-d12	14.321	240	668054	20.000	ng		0.00
86) Perylene-d12	15.915	264	663623	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.740	112	1822513	118.267	ng		0.02
7) Phenol-d6	6.716	99	2325462	121.011	ng		0.00
23) Nitrobenzene-d5	7.663	82	1538192	105.095	ng		0.00
42) 2,4,6-Tribromophenol	10.951	330	791778	154.150	ng		0.00
45) 2-Fluorobiphenyl	9.469	172	2692962	77.849	ng		0.00
79) Terphenyl-d14	13.251	244	3184954	90.587	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	276289	34.324	ng		100
3) Pyridine	3.887	79	731639	33.720	ng		99
4) n-Nitrosodimethylamine	3.857	42	372830	43.167	ng		98
6) Aniline	6.763	93	870847m	32.134	ng		
8) 2-Chlorophenol	6.881	128	779377	50.322	ng		99
9) Benzaldehyde	6.651	77	408130	30.377	ng		100
10) Phenol	6.728	94	843089	42.940	ng		95
11) bis(2-Chloroethyl)ether	6.828	93	729408	43.191	ng		99
12) 1,3-Dichlorobenzene	7.040	146	817523	44.008	ng		99
13) 1,4-Dichlorobenzene	7.116	146	826111	44.228	ng		99
14) 1,2-Dichlorobenzene	7.269	146	797762	46.682	ng		99
15) Benzyl Alcohol	7.234	79	687689	49.917	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.363	45	844180	43.950	ng		99
17) 2-Methylphenol	7.339	107	635237	44.465	ng		99
18) Hexachloroethane	7.616	117	300712	52.785	ng		95
19) n-Nitroso-di-n-propyla...	7.510	70	484683	45.076	ng		97
20) 3+4-Methylphenols	7.492	107	749407	42.407	ng	#	85
22) Acetophenone	7.504	105	971973	41.691	ng		99
24) Nitrobenzene	7.681	77	801720	50.470	ng		99
25) Isophorone	7.922	82	1503238	43.744	ng		97
26) 2-Nitrophenol	7.998	139	358480	59.447	ng		93
27) 2,4-Dimethylphenol	8.022	122	710106	48.367	ng		97
28) bis(2-Chloroethoxy)met...	8.122	93	871737	43.074	ng		99
29) 2,4-Dichlorophenol	8.234	162	674967	49.414	ng		97
30) 1,2,4-Trichlorobenzene	8.322	180	741668	45.182	ng		99
31) Naphthalene	8.410	128	2105818	41.820	ng		100
32) Benzoic acid	8.145	122	482927	61.468	ng		98
33) 4-Chloroaniline	8.451	127	518923	24.372	ng		99
34) Hexachlorobutadiene	8.522	225	469870	45.567	ng		99
35) Caprolactam	8.828	113	209633m	48.508	ng		
36) 4-Chloro-3-methylphenol	8.928	107	674153	47.374	ng		95
37) 2-Methylnaphthalene	9.104	142	1412678	40.848	ng		100
38) 1-Methylnaphthalene	9.204	142	1305738	40.740	ng		100
40) 1,2,4,5-Tetrachloroben...	9.269	216	695684	40.807	ng		98
41) Hexachlorocyclopentadiene	9.257	237	877257	99.045	ng		98
43) 2,4,6-Trichlorophenol	9.375	196	505087	52.598	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.416	196	534223	47.566	ng		98
46) 1,1'-Biphenyl	9.569	154	1698502	41.574	ng		100
47) 2-Chloronaphthalene	9.598	162	1329239	42.242	ng		98
48) 2-Nitroaniline	9.686	65	389639	51.717	ng		97
49) Acenaphthylene	10.022	152	2120792	41.199	ng		100
50) Dimethylphthalate	9.869	163	1628082	46.991	ng		99
51) 2,6-Dinitrotoluene	9.933	165	360369	50.343	ng		87
52) Acenaphthene	10.192	154	1407517	46.483	ng		100
53) 3-Nitroaniline	10.104	138	252862	33.365	ng		91
54) 2,4-Dinitrophenol	10.210	184	350585	97.605	ng	#	7
55) Dibenzofuran	10.363	168	1861322	40.689	ng		97
56) 4-Nitrophenol	10.257	139	618082	90.349	ng		95
57) 2,4-Dinitrotoluene	10.339	165	469078	51.853	ng		95
58) Fluorene	10.710	166	1373379	40.043	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.475	232	467879	53.074	ng		98
60) Diethylphthalate	10.575	149	1554689	50.469	ng		100
61) 4-Chlorophenyl-phenyle...	10.698	204	721591	40.851	ng		98
62) 4-Nitroaniline	10.727	138	363591	47.183	ng		99
63) Azobenzene	10.857	77	1479827	40.384	ng		99
65) 4,6-Dinitro-2-methylph...	10.745	198	226760	55.538	ng		97
66) n-Nitrosodiphenylamine	10.816	169	1282361	40.466	ng		99
67) 4-Bromophenyl-phenylether	11.192	248	493272	41.856	ng		96
68) Hexachlorobenzene	11.257	284	578572	45.001	ng		93
69) Atrazine	11.345	200	550651	57.517	ng		98
70) Pentachlorophenol	11.451	266	703744	87.984	ng		100
71) Phenanthrene	11.680	178	2148107	39.318	ng		98
72) Anthracene	11.733	178	2147719	38.441	ng		99
73) Carbazole	11.886	167	2020779	40.217	ng		100
74) Di-n-butylphthalate	12.210	149	2279877	43.952	ng		99
75) Fluoranthene	12.880	202	2424528	39.426	ng		99
77) Benzidine	12.992	184	630736	56.336	ng		98
78) Pyrene	13.116	202	2445644	44.266	ng		100
80) Butylbenzylphthalate	13.721	149	878539	62.190	ng		99
81) Benzo(a)anthracene	14.310	228	1980651	43.528	ng		99
82) 3,3'-Dichlorobenzidine	14.263	252	492193	40.909	ng		99
83) Chrysene	14.345	228	1814351	42.459	ng		99
84) Bis(2-ethylhexyl)phtha...	14.280	149	1175656	60.924	ng		98
85) Di-n-octyl phthalate	14.921	149	1728151	61.962	ng	#	94
87) Indeno(1,2,3-cd)pyrene	17.592	276	2093914	50.217	ng		98
88) Benzo(b)fluoranthene	15.439	252	1890069	46.418	ng		99
89) Benzo(k)fluoranthene	15.474	252	1799368	45.134	ng		99
90) Benzo(a)pyrene	15.851	252	1665921	43.896	ng		99
91) Dibenzo(a,h)anthracene	17.621	278	1713335	50.624	ng		98
92) Benzo(g,h,i)perylene	18.109	276	1768812	50.523	ng		98

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

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