Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
Data File : BF133575.D
Acq On : 05 Jun 2023 20:12
Operator : CG\JU
Sample : PB153176BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB153176BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023

Quant Time: Jun 06 01:06:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 17:49:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	190328	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	693531	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	315270	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	532142	20.000	ng		0.00
76) Chrysene-d12	13.998	240	357057	20.000	ng		0.00
86) Perylene-d12	15.462	264	275488	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	112924	9.899	ng		0.00
7) Phenol-d6	6.445	99	136057	9.689	ng		-0.01
23) Nitrobenzene-d5	7.387	82	78962	7.602	ng		-0.01
42) 2,4,6-Tribromophenol	10.657	330	28866	9.185	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	170682	8.356	ng		0.00
79) Terphenyl-d14	12.945	244	150126	7.476	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	16378	3.179	ng	#	94
3) Pyridine	3.322	79	40197	2.783	ng		96
4) n-Nitrosodimethylamine	3.246	42	23161	2.940	ng	#	94
6) Aniline	6.487	93	44404m	2.329	ng		
8) 2-Chlorophenol	6.610	128	41400	3.683	ng		93
10) Phenol	6.457	94	49891	3.542	ng		97
11) bis(2-Chloroethyl)ether	6.563	93	40036	3.437	ng		99
12) 1,3-Dichlorobenzene	6.769	146	45647	3.658	ng		97
13) 1,4-Dichlorobenzene	6.851	146	47247	3.777	ng		94
14) 1,2-Dichlorobenzene	6.998	146	43184	3.741	ng		98
15) Benzyl Alcohol	6.963	79	31318	2.938	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	73342	3.320	ng		99
17) 2-Methylphenol	7.075	107	34990	3.287	ng		98
18) Hexachloroethane	7.345	117	9725	2.248	ng	#	86
19) n-Nitroso-di-n-propyla...	7.234	70	30841	3.394	ng		99
20) 3+4-Methylphenols	7.228	107	44267	3.678	ng		97
22) Acetophenone	7.234	105	61868	3.874	ng	#	94
24) Nitrobenzene	7.410	77	42596	3.849	ng		94
25) Isophorone	7.645	82	79149	3.270	ng		99
26) 2-Nitrophenol	7.728	139	11529	6.791	ng		96
27) 2,4-Dimethylphenol	7.763	122	35087	3.406	ng		99
28) bis(2-Chloroethoxy)met...	7.863	93	48366	3.446	ng		99
29) 2,4-Dichlorophenol	7.963	162	31813	3.433	ng		99
30) 1,2,4-Trichlorobenzene	8.057	180	36006	3.592	ng		97
31) Naphthalene	8.134	128	119077	3.542	ng		100
32) Benzoic acid	7.822	122	12744m	8.940	ng		
33) 4-Chloroaniline	8.181	127	37176	2.580	ng		95
34) Hexachlorobutadiene	8.251	225	21746	3.567	ng		98
35) Caprolactam	8.510	113	10226	3.365	ng		100
36) 4-Chloro-3-methylphenol	8.657	107	33428	3.220	ng		95
37) 2-Methylnaphthalene	8.828	142	76305	3.324	ng		96
38) 1-Methylnaphthalene	8.928	142	71136	3.324	ng		99
40) 1,2,4,5-Tetrachloroben...	8.992	216	34226	3.663	ng		97
43) 2,4,6-Trichlorophenol	9.098	196	20127	3.366	ng		99
44) 2,4,5-Trichlorophenol	9.139	196	20916	3.014	ng	#	90
46) 1,1'-Biphenyl	9.292	154	98026	3.827	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.316	162	68137	3.670	ng		97
48) 2-Nitroaniline	9.404	65	20371	7.124	ng		95
49) Acenaphthylene	9.728	152	108461	3.424	ng		99
50) Dimethylphthalate	9.586	163	81824	3.693	ng		99
51) 2,6-Dinitrotoluene	9.645	165	11187	6.134	ng		92
52) Acenaphthene	9.904	154	62841	3.275	ng		98
53) 3-Nitroaniline	9.816	138	17365	6.250	ng		97
54) 2,4-Dinitrophenol	9.922	184	399	6.763	ng	#	73
55) Dibenzofuran	10.075	168	97214	3.405	ng		95
56) 4-Nitrophenol	9.963	139	18390	4.851	ng		92
57) 2,4-Dinitrotoluene	10.051	165	11417	6.713	ng	#	82
58) Fluorene	10.416	166	73014	3.491	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	16271	3.113	ng		94
60) Diethylphthalate	10.286	149	79257	3.446	ng		98
61) 4-Chlorophenyl-phenyle...	10.410	204	35526	3.537	ng		97
62) 4-Nitroaniline	10.422	138	18633	6.268	ng		94
63) Azobenzene	10.569	77	68692	2.983	ng		98
65) 4,6-Dinitro-2-methylph...	10.457	198	466	8.887	ng	#	76
66) n-Nitrosodiphenylamine	10.528	169	65453	3.789	ng		98
67) 4-Bromophenyl-phenylether	10.904	248	19292	3.414	ng		92
68) Hexachlorobenzene	10.963	284	21687	3.670	ng		96
69) Atrazine	11.051	200	19025	4.014	ng		98
70) Pentachlorophenol	11.157	266	17500	4.952	ng		95
71) Phenanthrene	11.380	178	94808	3.518	ng		99
72) Anthracene	11.433	178	93734	3.379	ng		98
73) Carbazole	11.586	167	87691	3.343	ng		98
74) Di-n-butylphthalate	11.922	149	110563	3.564	ng		99
75) Fluoranthene	12.569	202	97314	3.269	ng		99
77) Benzidine	12.692	184	63595	6.090	ng		99
78) Pyrene	12.798	202	102043	3.358	ng		97
80) Butylbenzylphthalate	13.427	149	42305	3.519	ng		93
81) Benzo(a)anthracene	13.992	228	80946	3.403	ng		97
82) 3,3'-Dichlorobenzidine	13.957	252	24557	3.303	ng	#	98
83) Chrysene	14.027	228	73901	3.078	ng		96
84) Bis(2-ethylhexyl)phtha...	13.986	149	61948	4.123	ng		99
85) Di-n-octyl phthalate	14.598	149	97281	3.886	ng		98
87) Indeno(1,2,3-cd)pyrene	16.904	276	55976	3.190	ng		98
88) Benzo(b)fluoranthene	15.033	252	59269	3.304	ng		99
89) Benzo(k)fluoranthene	15.063	252	57263	3.274	ng		99
90) Benzo(a)pyrene	15.392	252	47102	2.886	ng		94
91) Dibenzo(a,h)anthracene	16.927	278	45821	3.221	ng		97
92) Benzo(g,h,i)perylene	17.339	276	43158	3.008	ng		95

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

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