Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062922\
Data File : BF129041.D
Acq On : 29 Jun 2022 17:58
Operator : CG\JU
Sample : PB145630BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 29 20:39:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB145630BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	449773	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	1732301	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	898815	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	1609972	20.000	ng		0.00
76) Chrysene-d12	14.151	240	1134407	20.000	ng		0.00
86) Perylene-d12	15.674	264	929294	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.599	112	2312554	86.926	ng		0.01
7) Phenol-d6	6.587	99	2842634	86.033	ng		0.00
23) Nitrobenzene-d5	7.528	82	2559966	88.145	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	872758	89.300	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	4420642	78.682	ng		0.00
79) Terphenyl-d14	13.086	244	4790518	87.695	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.946	88	426280	35.940	ng		88
3) Pyridine	3.728	79	1083093	37.392	ng		87
4) n-Nitrosodimethylamine	3.652	42	601082	45.802	ng		83
6) Aniline	6.628	93	1460215	39.516	ng		97
8) 2-Chlorophenol	6.745	128	1328206	47.520	ng		97
9) Benzaldehyde	6.516	77	611975	40.024	ng		99
10) Phenol	6.604	94	1607729	48.026	ng		88
11) bis(2-Chloroethyl)ether	6.693	93	1259534	47.536	ng		93
12) 1,3-Dichlorobenzene	6.898	146	1389493	45.159	ng		98
13) 1,4-Dichlorobenzene	6.975	146	1409657	45.422	ng		100
14) 1,2-Dichlorobenzene	7.128	146	1363827	46.748	ng		99
15) Benzyl Alcohol	7.104	79	1088308	46.826	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.234	45	1744670	46.101	ng		93
17) 2-Methylphenol	7.210	107	1072781	47.167	ng		97
18) Hexachloroethane	7.475	117	510802	46.882	ng		95
19) n-Nitroso-di-n-propyla...	7.381	70	907505	47.480	ng		88
20) 3+4-Methylphenols	7.363	107	1324480	45.793	ng		95
22) Acetophenone	7.375	105	1768826	44.511	ng	#	94
24) Nitrobenzene	7.545	77	1320644	46.997	ng		94
25) Isophorone	7.793	82	2458694	50.092	ng		96
26) 2-Nitrophenol	7.857	139	677539	51.879	ng		90
27) 2,4-Dimethylphenol	7.892	122	1235532	52.401	ng		96
28) bis(2-Chloroethoxy)met...	7.992	93	1531285	45.426	ng		98
29) 2,4-Dichlorophenol	8.098	162	1094686	45.519	ng		96
30) 1,2,4-Trichlorobenzene	8.181	180	1163586	43.968	ng		96
31) Naphthalene	8.269	128	3554686	45.201	ng		97
32) Benzoic acid	8.022	122	872991	46.148	ng		95
33) 4-Chloroaniline	8.310	127	728318	22.984	ng		96
34) Hexachlorobutadiene	8.381	225	696424	44.072	ng		99
35) Caprolactam	8.710	113	341222m	44.744	ng		
36) 4-Chloro-3-methylphenol	8.792	107	1135260	46.461	ng		92
37) 2-Methylnaphthalene	8.957	142	2428784	45.897	ng		99
38) 1-Methylnaphthalene	9.057	142	2308775	44.927	ng		98
40) 1,2,4,5-Tetrachloroben...	9.122	216	1108140	43.862	ng		99
41) Hexachlorocyclopentadiene	9.110	237	1428409	107.111	ng		98
43) 2,4,6-Trichlorophenol	9.234	196	811353	47.148	ng		98

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44) 2,4,5-Trichlorophenol	9.275	196	817166	44.643	ng		98
46) 1,1'-Biphenyl	9.422	154	2878360	44.544	ng		96
47) 2-Chloronaphthalene	9.451	162	2215497	44.398	ng		98
48) 2-Nitroaniline	9.545	65	659781	50.201	ng		85
49) Acenaphthylene	9.869	152	3577698	47.184	ng		95
50) Dimethylphthalate	9.728	163	2560891	45.543	ng		99
51) 2,6-Dinitrotoluene	9.786	165	594766	51.763	ng		98
52) Acenaphthene	10.039	154	2432762	49.256	ng		98
53) 3-Nitroaniline	9.957	138	451856	32.977	ng	#	91
54) 2,4-Dinitrophenol	10.063	184	564765	89.956	ng	#	87
55) Dibenzofuran	10.216	168	3144266	43.720	ng		99
56) 4-Nitrophenol	10.116	139	1101297	98.369	ng		95
57) 2,4-Dinitrotoluene	10.192	165	764984	53.929	ng		94
58) Fluorene	10.557	166	2466049	44.330	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.328	232	685347	45.194	ng		99
60) Diethylphthalate	10.428	149	2543282	45.138	ng		96
61) 4-Chlorophenyl-phenyle...	10.545	204	1220301	44.027	ng		98
62) 4-Nitroaniline	10.581	138	645351	47.496	ng		90
63) Azobenzene	10.704	77	2448970	44.363	ng		95
65) 4,6-Dinitro-2-methylph...	10.598	198	338534	47.529	ng		93
66) n-Nitrosodiphenylamine	10.669	169	2213416	45.268	ng		95
67) 4-Bromophenyl-phenylether	11.039	248	781006	45.604	ng		95
68) Hexachlorobenzene	11.104	284	873198	45.789	ng		97
69) Atrazine	11.198	200	739656	53.758	ng		98
70) Pentachlorophenol	11.298	266	1028535	90.553	ng		99
71) Phenanthrene	11.522	178	3374446	43.867	ng		95
72) Anthracene	11.575	178	3470517	45.760	ng		95
73) Carbazole	11.728	167	3295833	43.368	ng		98
74) Di-n-butylphthalate	12.051	149	3656881	45.638	ng		97
75) Fluoranthene	12.716	202	3613760	44.920	ng		93
77) Benzidine	12.833	184	1647544	81.563	ng		98
78) Pyrene	12.951	202	3610229	45.913	ng		96
80) Butylbenzylphthalate	13.563	149	1568207	48.955	ng		88
81) Benzo(a)anthracene	14.139	228	3177214	45.870	ng		96
82) 3,3'-Dichlorobenzidine	14.098	252	670925	44.829	ng	#	97
83) Chrysene	14.180	228	2807640	43.663	ng		96
84) Bis(2-ethylhexyl)phtha...	14.116	149	2088930	49.068	ng		95
85) Di-n-octyl phthalate	14.739	149	3102657	49.369	ng		96
87) Indeno(1,2,3-cd)pyrene	17.239	276	2612249	45.832	ng		99
88) Benzo(b)fluoranthene	15.221	252	2745002	49.116	ng		98
89) Benzo(k)fluoranthene	15.257	252	2686676	49.564	ng		99
90) Benzo(a)pyrene	15.610	252	2566546	56.333	ng		96
91) Dibenzo(a,h)anthracene	17.257	278	2261708	48.678	ng		96
92) Benzo(g,h,i)perylene	17.715	276	2252022	48.311	ng		98

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

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