Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134959.D
Acq On : 28 Aug 2023 09:59
Operator : CG\JU
Sample : PB155019BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 29 03:46:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 02:45:19 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
08/29/2023
Supervised By :mohammad ahmed
08/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.793	152	119951	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	478382	20.000	ng		0.00
39) Acenaphthene-d10	9.834	164	245519	20.000	ng		0.00
64) Phenanthrene-d10	11.328	188	458608	20.000	ng		0.00
76) Chrysene-d12	13.981	240	218662	20.000	ng		0.00
86) Perylene-d12	15.457	264	240130	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	971536	129.158	ng		0.01
7) Phenol-d6	6.440	99	1214934	126.400	ng		0.00
23) Nitrobenzene-d5	7.358	82	770660	88.770	ng		0.00
42) 2,4,6-Tribromophenol	10.628	330	372968	128.983	ng		0.00
45) 2-Fluorobiphenyl	9.152	172	1396425	87.925	ng		0.00
79) Terphenyl-d14	12.922	244	1487243	93.549	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.611	88	117685	36.050	ng		99
3) Pyridine	3.364	79	314550	35.756	ng		99
4) n-Nitrosodimethylamine	3.328	42	178459	45.882	ng		99
6) Aniline	6.458	93	380036	31.990	ng	#	68
8) 2-Chlorophenol	6.581	128	388616	49.236	ng		95
9) Benzaldehyde	6.346	77	144898	27.486	ng		100
10) Phenol	6.452	94	446967	45.419	ng		97
11) bis(2-Chloroethyl)ether	6.534	93	349938	46.878	ng		98
12) 1,3-Dichlorobenzene	6.734	146	395802	48.080	ng		100
13) 1,4-Dichlorobenzene	6.811	146	401164	48.688	ng		98
14) 1,2-Dichlorobenzene	6.963	146	391470	51.258	ng		98
15) Benzyl Alcohol	6.940	79	331356	49.615	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	487086	45.060	ng		100
17) 2-Methylphenol	7.052	107	306028	44.800	ng		97
18) Hexachloroethane	7.299	117	148337	49.744	ng		95
19) n-Nitroso-di-n-propyla...	7.210	70	251561	44.812	ng		98
20) 3+4-Methylphenols	7.205	107	361932	44.702	ng		97
22) Acetophenone	7.205	105	495642	46.876	ng		98
24) Nitrobenzene	7.381	77	396781	45.548	ng		96
25) Isophorone	7.616	82	709419	43.762	ng		99
26) 2-Nitrophenol	7.693	139	203673	46.963	ng		98
27) 2,4-Dimethylphenol	7.734	122	311448	44.030	ng		99
28) bis(2-Chloroethoxy)met...	7.828	93	426646	44.158	ng		99
29) 2,4-Dichlorophenol	7.934	162	320601	45.872	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	345866	46.613	ng		99
31) Naphthalene	8.099	128	1082850	45.332	ng		100
32) Benzoic acid	7.863	122	251716	48.219	ng		94
33) 4-Chloroaniline	8.146	127	201675	19.678	ng		99
34) Hexachlorobutadiene	8.210	225	203184	46.043	ng		99
35) Caprolactam	8.516	113	102748m	47.094	ng		
36) 4-Chloro-3-methylphenol	8.634	107	343483	46.571	ng		98
37) 2-Methylnaphthalene	8.787	142	688719	43.234	ng		99
38) 1-Methylnaphthalene	8.887	142	656087	44.046	ng		100
40) 1,2,4,5-Tetrachloroben...	8.957	216	336805	45.019	ng		99
41) Hexachlorocyclopentadiene	8.940	237	310778	93.826	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	225564	45.652	ng		99

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44) 2,4,5-Trichlorophenol	9.110	196	239438	41.857	ng		98
46) 1,1'-Biphenyl	9.257	154	878423	45.319	ng		99
47) 2-Chloronaphthalene	9.281	162	669608	46.258	ng		100
48) 2-Nitroaniline	9.381	65	215621	45.314	ng		94
49) Acenaphthylene	9.699	152	1034070	46.387	ng		99
50) Dimethylphthalate	9.563	163	780878	44.682	ng		99
51) 2,6-Dinitrotoluene	9.622	165	180559	46.843	ng		89
52) Acenaphthene	9.869	154	622282	44.311	ng		99
53) 3-Nitroaniline	9.793	138	132195	31.400	ng		98
54) 2,4-Dinitrophenol	9.904	184	186424	102.218	ng	#	86
55) Dibenzofuran	10.040	168	920730	45.031	ng		97
56) 4-Nitrophenol	9.969	139	285293	97.240	ng		94
57) 2,4-Dinitrotoluene	10.034	165	232331	48.739	ng		99
58) Fluorene	10.387	166	710274	45.801	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	208295	46.736	ng		98
60) Diethylphthalate	10.263	149	732424	45.743	ng		100
61) 4-Chlorophenyl-phenyle...	10.375	204	349579	44.968	ng		96
62) 4-Nitroaniline	10.410	138	186780	47.459	ng		99
63) Azobenzene	10.540	77	703966	44.257	ng		99
65) 4,6-Dinitro-2-methylph...	10.446	198	130466	48.212	ng		83
66) n-Nitrosodiphenylamine	10.499	169	640089	43.342	ng		100
67) 4-Bromophenyl-phenylether	10.869	248	228319	43.153	ng	#	93
68) Hexachlorobenzene	10.934	284	257499	45.760	ng		97
69) Atrazine	11.034	200	217494	54.234	ng		98
70) Pentachlorophenol	11.134	266	241692	71.370	ng		98
71) Phenanthrene	11.351	178	1088600	45.298	ng		99
72) Anthracene	11.404	178	1103212	44.804	ng		100
73) Carbazole	11.563	167	959778	47.303	ng		100
74) Di-n-butylphthalate	11.893	149	1083887	46.578	ng		100
75) Fluoranthene	12.545	202	1065858	46.809	ng		99
77) Benzidine	12.669	184	215992	60.881	ng		99
78) Pyrene	12.775	202	1058202	45.644	ng		100
80) Butylbenzylphthalate	13.398	149	342538	48.494	ng		97
81) Benzo(a)anthracene	13.969	228	699652	46.897	ng		100
82) 3,3'-Dichlorobenzidine	13.934	252	176123	37.300	ng		97
83) Chrysene	14.010	228	666129	45.254	ng		100
84) Bis(2-ethylhexyl)phtha...	13.963	149	359287	46.956	ng		99
85) Di-n-octyl phthalate	14.581	149	573314	45.950	ng		99
87) Indeno(1,2,3-cd)pyrene	16.963	276	807690	47.057	ng		99
88) Benzo(b)fluoranthene	15.028	252	684945	50.557	ng		98
89) Benzo(k)fluoranthene	15.057	252	647714	48.686	ng		99
90) Benzo(a)pyrene	15.398	252	625593	46.256	ng		99
91) Dibenzo(a,h)anthracene	16.980	278	649894	46.796	ng		99
92) Benzo(g,h,i)perylene	17.416	276	632183	44.467	ng		100

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

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