Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136331.D
Acq On : 01 Dec 2023 11:36
Operator : CG\JU
Sample : PB157389BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 01 13:15:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157389BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
12/05/2023
Supervised By :mohammad ahmed
12/05/2023

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12/05/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	141142	20.000	ng		0.00
21) Naphthalene-d8	8.086	136	628744	20.000	ng		0.00
39) Acenaphthene-d10	9.845	164	323918	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	581043	20.000	ng		0.00
76) Chrysene-d12	13.992	240	262829	20.000	ng		0.00
86) Perylene-d12	15.474	264	264176	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1177387	116.106	ng		0.02
7) Phenol-d6	6.451	99	1430421	112.814	ng		0.00
23) Nitrobenzene-d5	7.375	82	873121	73.382	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	456027	115.153	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	1825558	71.987	ng		0.00
79) Terphenyl-d14	12.933	244	1711238	75.102	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	119746	31.209	ng		97
3) Pyridine	3.446	79	299985	31.672	ng		94
4) n-Nitrosodimethylamine	3.410	42	172893	36.111	ng		89
6) Aniline	6.475	93	380970	31.789	ng		98
8) 2-Chlorophenol	6.598	128	458897	41.561	ng		93
9) Benzaldehyde	6.363	77	21701	3.071	ng		91
10) Phenol	6.463	94	539603	39.668	ng		97
11) bis(2-Chloroethyl)ether	6.551	93	405218	40.606	ng		96
12) 1,3-Dichlorobenzene	6.751	146	470379	37.539	ng		100
13) 1,4-Dichlorobenzene	6.828	146	491505	38.585	ng		98
14) 1,2-Dichlorobenzene	6.975	146	461014	38.229	ng		96
15) Benzyl Alcohol	6.957	79	366038	41.175	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.087	45	546564	39.431	ng		96
17) 2-Methylphenol	7.063	107	351766	40.523	ng		97
18) Hexachloroethane	7.316	117	167858	37.568	ng		93
19) n-Nitroso-di-n-propyla...	7.228	70	301195	39.718	ng		95
20) 3+4-Methylphenols	7.216	107	446493	39.577	ng		95
22) Acetophenone	7.216	105	630922	38.208	ng	#	96
24) Nitrobenzene	7.392	77	450116	37.331	ng		95
25) Isophorone	7.628	82	832388	38.798	ng		97
26) 2-Nitrophenol	7.704	139	232544	45.265	ng		99
27) 2,4-Dimethylphenol	7.745	122	362263	53.574	ng		95
28) bis(2-Chloroethoxy)met...	7.839	93	519680	40.046	ng		98
29) 2,4-Dichlorophenol	7.945	162	376431	41.272	ng		95
30) 1,2,4-Trichlorobenzene	8.028	180	419273	37.547	ng		97
31) Naphthalene	8.110	128	1348276	38.151	ng		98
32) Benzoic acid	7.881	122	278135	45.132	ng		99
33) 4-Chloroaniline	8.157	127	293144	24.403	ng		99
34) Hexachlorobutadiene	8.222	225	237691	36.384	ng		98
35) Caprolactam	8.539	113	109631m	42.998	ng		
36) 4-Chloro-3-methylphenol	8.645	107	396644	40.098	ng		97
37) 2-Methylnaphthalene	8.798	142	857419	38.677	ng		97
38) 1-Methylnaphthalene	8.898	142	806840	37.309	ng		95
40) 1,2,4,5-Tetrachloroben...	8.969	216	405590	39.344	ng		99
41) Hexachlorocyclopentadiene	8.951	237	400515	100.971	ng		97
43) 2,4,6-Trichlorophenol	9.081	196	270808	40.473	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	288468	39.506	ng		96
46) 1,1'-Biphenyl	9.269	154	1113427	38.979	ng		98
47) 2-Chloronaphthalene	9.292	162	843124	38.008	ng		98
48) 2-Nitroaniline	9.392	65	237511	41.010	ng		86
49) Acenaphthylene	9.710	152	1301278	41.106	ng		99
50) Dimethylphthalate	9.575	163	986134	40.279	ng		99
51) 2,6-Dinitrotoluene	9.639	165	206730	41.333	ng	#	85
52) Acenaphthene	9.880	154	769084	38.444	ng		99
53) 3-Nitroaniline	9.804	138	161635	32.570	ng		98
54) 2,4-Dinitrophenol	9.916	184	211573	90.954	ng		93
55) Dibenzofuran	10.057	168	1159230	38.941	ng		98
56) 4-Nitrophenol	9.975	139	290144	76.978	ng		91
57) 2,4-Dinitrotoluene	10.045	165	272719	40.820	ng		98
58) Fluorene	10.398	166	898970	38.500	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	238895	41.119	ng		97
60) Diethylphthalate	10.280	149	949064	38.753	ng		97
61) 4-Chlorophenyl-phenyle...	10.392	204	433887	38.263	ng		98
62) 4-Nitroaniline	10.422	138	181941	37.454	ng		95
63) Azobenzene	10.551	77	856950	37.744	ng		98
65) 4,6-Dinitro-2-methylph...	10.451	198	136454	42.945	ng		96
66) n-Nitrosodiphenylamine	10.516	169	788012	42.320	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	281790	41.569	ng		99
68) Hexachlorobenzene	10.945	284	313673	39.981	ng	#	93
69) Atrazine	11.045	200	224679	40.676	ng		97
70) Pentachlorophenol	11.145	266	289577	65.297	ng		98
71) Phenanthrene	11.363	178	1335558	40.896	ng		99
72) Anthracene	11.416	178	1328606	40.569	ng		98
73) Carbazole	11.575	167	1067365	38.321	ng		99
74) Di-n-butylphthalate	11.904	149	1389238	39.862	ng		98
75) Fluoranthene	12.557	202	1180051	35.594	ng		97
77) Benzidine	12.680	184	101545	23.503	ng		99
78) Pyrene	12.786	202	1153589	40.077	ng		98
80) Butylbenzylphthalate	13.410	149	381391	42.574	ng		97
81) Benzo(a)anthracene	13.980	228	777232	39.813	ng		98
82) 3,3'-Dichlorobenzidine	13.945	252	213123	45.352	ng		96
83) Chrysene	14.016	228	742594	39.396	ng		98
84) Bis(2-ethylhexyl)phtha...	13.980	149	465364	43.285	ng	#	98
85) Di-n-octyl phthalate	14.598	149	831722	47.672	ng		99
87) Indeno(1,2,3-cd)pyrene	16.992	276	850741	43.357	ng		99
88) Benzo(b)fluoranthene	15.039	252	791253	42.692	ng		99
89) Benzo(k)fluoranthene	15.068	252	687909	39.079	ng		98
90) Benzo(a)pyrene	15.415	252	655362	43.255	ng		98
91) Dibenzo(a,h)anthracene	17.015	278	704865	44.674	ng		99
92) Benzo(g,h,i)perylene	17.451	276	681993	43.086	ng		99

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

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