Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
Data File : BF136070.D
Acq On : 01 Nov 2023 11:51
Operator : CG\JU
Sample : PB156691BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 01 22:37:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB156691BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	143089	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	591757	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	309384	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	565792	20.000	ng	#	0.00
76) Chrysene-d12	14.021	240	290118	20.000	ng		0.00
86) Perylene-d12	15.510	264	274421	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1187640	130.427	ng		0.02
7) Phenol-d6	6.469	99	1492827	131.581	ng		0.01
23) Nitrobenzene-d5	7.393	82	904725	92.165	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	460010	139.300	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1655354	85.292	ng		0.00
79) Terphenyl-d14	12.963	244	1868875	100.107	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	163300	41.184	ng		99
3) Pyridine	3.422	79	365010	33.726	ng		99
4) n-Nitrosodimethylamine	3.393	42	201994	44.639	ng		97
6) Aniline	6.493	93	522947	35.602	ng		98
8) 2-Chlorophenol	6.610	128	478670	49.169	ng		99
9) Benzaldehyde	6.375	77	137602	21.751	ng		96
10) Phenol	6.481	94	556734m	47.444	ng		
11) bis(2-Chloroethyl)ether	6.569	93	438814	47.767	ng		99
12) 1,3-Dichlorobenzene	6.769	146	484964	47.863	ng		98
13) 1,4-Dichlorobenzene	6.845	146	490986	48.353	ng		98
14) 1,2-Dichlorobenzene	6.998	146	470115	49.513	ng		99
15) Benzyl Alcohol	6.969	79	388931	48.348	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	611848	48.388	ng		99
17) 2-Methylphenol	7.081	107	373825	45.265	ng		97
18) Hexachloroethane	7.340	117	175236	49.100	ng		92
19) n-Nitroso-di-n-propyla...	7.245	70	302961	46.736	ng		97
20) 3+4-Methylphenols	7.234	107	444836	44.172	ng		93
22) Acetophenone	7.240	105	607743	46.315	ng	#	91
24) Nitrobenzene	7.410	77	456085	45.932	ng		95
25) Isophorone	7.651	82	865885	46.723	ng		99
26) 2-Nitrophenol	7.728	139	239988	52.974	ng		96
27) 2,4-Dimethylphenol	7.763	122	410371	47.936	ng		99
28) bis(2-Chloroethoxy)met...	7.863	93	532131	46.864	ng		99
29) 2,4-Dichlorophenol	7.969	162	387437	48.007	ng		98
30) 1,2,4-Trichlorobenzene	8.051	180	417306	47.400	ng		99
31) Naphthalene	8.134	128	1315098	46.086	ng		99
32) Benzoic acid	7.892	122	324638	47.408	ng		97
33) 4-Chloroaniline	8.181	127	394543	31.572	ng		97
34) Hexachlorobutadiene	8.245	225	241709	47.873	ng		99
35) Caprolactam	8.557	113	134240m	51.154	ng		
36) 4-Chloro-3-methylphenol	8.663	107	406134	47.934	ng		99
37) 2-Methylnaphthalene	8.822	142	862477	45.076	ng		99
38) 1-Methylnaphthalene	8.922	142	802672	45.079	ng		99
40) 1,2,4,5-Tetrachloroben...	8.992	216	405066	45.908	ng		99
41) Hexachlorocyclopentadiene	8.975	237	480913	102.021	ng		99
43) 2,4,6-Trichlorophenol	9.098	196	278462	48.403	ng		97

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44) 2,4,5-Trichlorophenol	9.145	196	303008	45.469	ng		98
46) 1,1'-Biphenyl	9.292	154	1079382	45.766	ng		99
47) 2-Chloronaphthalene	9.316	162	813896	46.811	ng		99
48) 2-Nitroaniline	9.410	65	249429	48.475	ng		97
49) Acenaphthylene	9.734	152	1248463	46.028	ng		99
50) Dimethylphthalate	9.598	163	952993	46.698	ng		100
51) 2,6-Dinitrotoluene	9.657	165	217748	49.888	ng		97
52) Acenaphthene	9.904	154	786912	45.637	ng		100
53) 3-Nitroaniline	9.822	138	203012	39.862	ng		93
54) 2,4-Dinitrophenol	9.934	184	225781	93.905	ng		96
55) Dibenzofuran	10.075	168	1144169	45.507	ng		97
56) 4-Nitrophenol	9.986	139	365917	96.053	ng		87
57) 2,4-Dinitrotoluene	10.063	165	282931	51.233	ng		94
58) Fluorene	10.422	166	853000	45.312	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	256267	48.369	ng		100
60) Diethylphthalate	10.298	149	913017	46.824	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	422377	44.949	ng		98
62) 4-Nitroaniline	10.445	138	222950	45.463	ng		97
63) Azobenzene	10.575	77	865083	46.068	ng		98
65) 4,6-Dinitro-2-methylph...	10.469	198	155017	49.639	ng		81
66) n-Nitrosodiphenylamine	10.533	169	800889	46.924	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	283319	47.762	ng	#	92
68) Hexachlorobenzene	10.969	284	320333	50.562	ng		95
69) Atrazine	11.063	200	181068	38.991	ng		97
70) Pentachlorophenol	11.163	266	352187	86.559	ng		99
71) Phenanthrene	11.386	178	1318090	46.269	ng		99
72) Anthracene	11.439	178	1354516	46.401	ng		100
73) Carbazole	11.592	167	1177849	46.432	ng		99
74) Di-n-butylphthalate	11.933	149	1362182	46.995	ng		99
75) Fluoranthene	12.580	202	1310021	44.763	ng		99
77) Benzidine	12.704	184	358392	63.380	ng		98
78) Pyrene	12.810	202	1314221	51.380	ng		100
80) Butylbenzylphthalate	13.439	149	466275	50.927	ng		99
81) Benzo(a)anthracene	14.010	228	900609	46.890	ng		99
82) 3,3'-Dichlorobenzidine	13.974	252	288122	47.000	ng		98
83) Chrysene	14.045	228	873113	46.159	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	532049	49.878	ng		98
85) Di-n-octyl phthalate	14.627	149	829334	51.899	ng		100
87) Indeno(1,2,3-cd)pyrene	17.033	276	998694	55.684	ng		99
88) Benzo(b)fluoranthene	15.068	252	816233	50.267	ng		99
89) Benzo(k)fluoranthene	15.104	252	729312	45.393	ng		99
90) Benzo(a)pyrene	15.445	252	698222	46.278	ng		99
91) Dibenzo(a,h)anthracene	17.057	278	823402	56.047	ng		98
92) Benzo(g,h,i)perylene	17.498	276	840738	50.129	ng		98

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

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