Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136543.D
Acq On : 13 Dec 2023 18:05
Operator : CG\JU
Sample : PB157609BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 14 01:43:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157609BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	128201	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	526427	20.000	ng		0.00
39) Acenaphthene-d10	9.833	164	272531	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	506172	20.000	ng		0.00
76) Chrysene-d12	13.980	240	277325	20.000	ng		0.00
86) Perylene-d12	15.457	264	267704	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	958685	110.437	ng		0.02
7) Phenol-d6	6.451	99	1176964	108.669	ng		0.00
23) Nitrobenzene-d5	7.363	82	717763	73.709	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	391021	116.364	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1497489	74.976	ng		0.00
79) Terphenyl-d14	12.921	244	1682675	79.973	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.651	88	113088	32.936	ng		95
3) Pyridine	3.416	79	261350	31.431	ng		94
4) n-Nitrosodimethylamine	3.381	42	131487	36.398	ng		98
6) Aniline	6.463	93	377443	34.483	ng	#	27
8) 2-Chlorophenol	6.587	128	383377	40.454	ng		99
9) Benzaldehyde	6.351	77	153623	25.751	ng		96
10) Phenol	6.463	94	440626	38.233	ng		81
11) bis(2-Chloroethyl)ether	6.539	93	338534	39.408	ng		96
12) 1,3-Dichlorobenzene	6.739	146	391496	36.734	ng		99
13) 1,4-Dichlorobenzene	6.816	146	397801	36.795	ng		99
14) 1,2-Dichlorobenzene	6.963	146	377636	37.145	ng		98
15) Benzyl Alcohol	6.945	79	295564	40.753	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	407231	36.858	ng		94
17) 2-Methylphenol	7.057	107	297717	38.885	ng		94
18) Hexachloroethane	7.304	117	141455	37.476	ng		96
19) n-Nitroso-di-n-propyla...	7.216	70	234116	37.472	ng		97
20) 3+4-Methylphenols	7.210	107	361271	38.015	ng		99
22) Acetophenone	7.210	105	506785	38.985	ng		97
24) Nitrobenzene	7.381	77	353686	36.105	ng		98
25) Isophorone	7.622	82	666124	38.075	ng		96
26) 2-Nitrophenol	7.692	139	200534	41.640	ng		100
27) 2,4-Dimethylphenol	7.739	122	327477	55.147	ng		99
28) bis(2-Chloroethoxy)met...	7.828	93	424134	39.453	ng		100
29) 2,4-Dichlorophenol	7.939	162	312731	39.899	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	348640	38.146	ng		98
31) Naphthalene	8.098	128	1098061	37.825	ng		99
32) Benzoic acid	7.881	122	239276	40.618	ng		99
33) 4-Chloroaniline	8.151	127	270870	26.172	ng		96
34) Hexachlorobutadiene	8.210	225	200835	37.077	ng		99
35) Caprolactam	8.528	113	100938m	41.817	ng		
36) 4-Chloro-3-methylphenol	8.639	107	328027	39.415	ng		99
37) 2-Methylnaphthalene	8.792	142	714940	38.711	ng		94
38) 1-Methylnaphthalene	8.886	142	659978	36.417	ng		96
40) 1,2,4,5-Tetrachloroben...	8.957	216	344195	40.595	ng		99
41) Hexachlorocyclopentadiene	8.939	237	346796	110.403	ng		100
43) 2,4,6-Trichlorophenol	9.069	196	223571	40.496	ng		99

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44) 2,4,5-Trichlorophenol	9.122	196	246450	39.997	ng	94
46) 1,1'-Biphenyl	9.257	154	914744	39.446	ng	98
47) 2-Chloronaphthalene	9.280	162	685412	37.975	ng	97
48) 2-Nitroaniline	9.380	65	191326	39.524	ng	94
49) Acenaphthylene	9.698	152	1022388	39.764	ng	99
50) Dimethylphthalate	9.563	163	813800	40.559	ng	98
51) 2,6-Dinitrotoluene	9.627	165	178538	39.552	ng	93
52) Acenaphthene	9.869	154	639322	38.803	ng	98
53) 3-Nitroaniline	9.792	138	145525	31.570	ng	96
54) 2,4-Dinitrophenol	9.910	184	196504	86.100	ng	99
55) Dibenzofuran	10.045	168	953843	39.629	ng	98
56) 4-Nitrophenol	9.969	139	279593	80.912	ng	96
57) 2,4-Dinitrotoluene	10.033	165	237995	39.855	ng	96
58) Fluorene	10.386	166	748334	38.731	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	209093	42.364	ng	99
60) Diethylphthalate	10.269	149	789877	40.034	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	374267	39.736	ng	94
62) 4-Nitroaniline	10.416	138	182294	39.828	ng	96
63) Azobenzene	10.539	77	692819	38.579	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	140105	44.694	ng	85
66) n-Nitrosodiphenylamine	10.504	169	666726	41.049	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	239763	40.741	ng	94
68) Hexachlorobenzene	10.933	284	271304	39.887	ng	97
69) Atrazine	11.039	200	294387	63.504	ng	98
70) Pentachlorophenol	11.133	266	274772	71.577	ng	98
71) Phenanthrene	11.351	178	1136482	40.849	ng	99
72) Anthracene	11.404	178	1165657	41.598	ng	99
73) Carbazole	11.563	167	979430	39.490	ng	98
74) Di-n-butylphthalate	11.892	149	1259095	41.411	ng	99
75) Fluoranthene	12.545	202	1110846	38.101	ng	98
77) Benzidine	12.668	184	281655	42.647	ng	98
78) Pyrene	12.774	202	1104991	40.684	ng	99
80) Butylbenzylphthalate	13.398	149	420367	43.478	ng	92
81) Benzo(a)anthracene	13.968	228	793058	41.054	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	250874	46.319	ng	100
83) Chrysene	14.004	228	761361	40.060	ng	98
84) Bis(2-ethylhexyl)phtha...	13.962	149	549770	46.384	ng	100
85) Di-n-octyl phthalate	14.580	149	866483	49.492	ng	98
87) Indeno(1,2,3-cd)pyrene	16.968	276	880324	47.334	ng	99
88) Benzo(b)fluoranthene	15.027	252	750013	40.976	ng	99
89) Benzo(k)fluoranthene	15.057	252	705232	40.884	ng	99
90) Benzo(a)pyrene	15.392	252	642600	42.511	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	741815	48.688	ng	98
92) Benzo(g,h,i)perylene	17.427	276	721717	46.150	ng	100

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

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