Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF136992.D
Acq On : 08 Jan 2024 12:11
Operator : CG\JU
Sample : PB158264BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 08 12:37:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB158264BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	92068	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	379868	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	192244	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	357720	20.000	ng		0.00
76) Chrysene-d12	13.974	240	180857	20.000	ng		0.00
86) Perylene-d12	15.457	264	141384	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	713388	120.899	ng		0.02
7) Phenol-d6	6.451	99	872193	114.073	ng		0.01
23) Nitrobenzene-d5	7.357	82	541214	72.906	ng		0.00
42) 2,4,6-Tribromophenol	10.628	330	246153	108.720	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	1035944	72.477	ng		0.00
79) Terphenyl-d14	12.916	244	1056810	81.659	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	69636	28.324	ng		97
3) Pyridine	3.410	79	164796	27.472	ng		97
4) n-Nitrosodimethylamine	3.375	42	118052	36.852	ng		98
6) Aniline	6.457	93	177724	23.249	ng	#	14
8) 2-Chlorophenol	6.581	128	278970	43.202	ng		96
9) Benzaldehyde	6.340	77	47700	10.968	ng		93
10) Phenol	6.463	94	326925	40.054	ng		88
11) bis(2-Chloroethyl)ether	6.528	93	258586	41.659	ng		98
12) 1,3-Dichlorobenzene	6.728	146	270391	38.384	ng		98
13) 1,4-Dichlorobenzene	6.804	146	275288	38.247	ng		98
14) 1,2-Dichlorobenzene	6.951	146	260759	38.933	ng		99
15) Benzyl Alcohol	6.940	79	219689	42.590	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	400837	39.498	ng		62
17) 2-Methylphenol	7.057	107	213995	40.003	ng	#	93
18) Hexachloroethane	7.292	117	98990	37.869	ng		92
19) n-Nitroso-di-n-propyla...	7.210	70	188395	40.647	ng		94
20) 3+4-Methylphenols	7.210	107	272629	40.793	ng	#	62
22) Acetophenone	7.198	105	379414	39.849	ng	#	88
24) Nitrobenzene	7.375	77	275949	37.108	ng		96
25) Isophorone	7.610	82	514972	38.124	ng		100
26) 2-Nitrophenol	7.687	139	148113	41.629	ng		100
27) 2,4-Dimethylphenol	7.734	122	218076	50.346	ng		96
28) bis(2-Chloroethoxy)met...	7.816	93	315735	38.454	ng		99
29) 2,4-Dichlorophenol	7.934	162	216506	38.825	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	239364	38.525	ng		99
31) Naphthalene	8.086	128	795749	38.131	ng		100
32) Benzoic acid	7.892	122	165931m	39.592	ng		
33) 4-Chloroaniline	8.139	127	163639	21.237	ng		99
34) Hexachlorobutadiene	8.198	225	135553	35.909	ng		100
35) Caprolactam	8.534	113	72181m	39.236	ng		
36) 4-Chloro-3-methylphenol	8.645	107	235317	37.483	ng		98
37) 2-Methylnaphthalene	8.781	142	506718	37.729	ng		99
38) 1-Methylnaphthalene	8.881	142	488085	37.042	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	243960	40.976	ng		99
41) Hexachlorocyclopentadiene	8.928	237	123420	65.933	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	149559	39.170	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	159365	37.455	ng	99
46) 1,1'-Biphenyl	9.245	154	628230	38.943	ng	99
47) 2-Chloronaphthalene	9.275	162	478041	38.979	ng	97
48) 2-Nitroaniline	9.381	65	150261	39.126	ng	86
49) Acenaphthylene	9.686	152	744218	39.702	ng	99
50) Dimethylphthalate	9.551	163	548214	39.041	ng	99
51) 2,6-Dinitrotoluene	9.622	165	119686	37.556	ng	93
52) Acenaphthene	9.863	154	442517	38.083	ng	99
53) 3-Nitroaniline	9.792	138	106554	31.563	ng	98
54) 2,4-Dinitrophenol	9.910	184	118218	67.543	ng	94
55) Dibenzofuran	10.033	168	654428	37.154	ng	98
56) 4-Nitrophenol	9.980	139	143467	62.954	ng	96
57) 2,4-Dinitrotoluene	10.033	165	150333	36.337	ng	96
58) Fluorene	10.380	166	538562	38.534	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	133512	40.763	ng	98
60) Diethylphthalate	10.257	149	548214	37.628	ng	97
61) 4-Chlorophenyl-phenyle...	10.369	204	256277	37.725	ng	94
62) 4-Nitroaniline	10.416	138	109701	33.709	ng	94
63) Azobenzene	10.528	77	505205	37.126	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	78459	38.271	ng	94
66) n-Nitrosodiphenylamine	10.492	169	474471	40.831	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	157466	39.637	ng	98
68) Hexachlorobenzene	10.928	284	174129	39.331	ng	99
69) Atrazine	11.027	200	116453	39.181	ng	98
70) Pentachlorophenol	11.127	266	121909	59.076	ng	98
71) Phenanthrene	11.345	178	754604	41.112	ng	100
72) Anthracene	11.398	178	752777	40.497	ng	99
73) Carbazole	11.557	167	676783	38.617	ng	100
74) Di-n-butylphthalate	11.880	149	869753	40.670	ng	99
75) Fluoranthene	12.539	202	753306	38.369	ng	98
77) Benzidine	12.663	184	25249	4.735	ng	96
78) Pyrene	12.769	202	752624	42.391	ng	99
80) Butylbenzylphthalate	13.386	149	298089	46.142	ng	95
81) Benzo(a)anthracene	13.968	228	526130	41.894	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	141477	39.668	ng	96
83) Chrysene	14.004	228	479200	39.020	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	389424	47.911	ng	99
85) Di-n-octyl phthalate	14.563	149	553717	44.040	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	532569	52.171	ng	99
88) Benzo(b)fluoranthene	15.027	252	433094	45.863	ng	99
89) Benzo(k)fluoranthene	15.057	252	401463	44.992	ng	98
90) Benzo(a)pyrene	15.398	252	367336	46.084	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	448325	53.533	ng	98
92) Benzo(g,h,i)perylene	17.451	276	449023	52.349	ng	98

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

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