Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011624\
Data File : BF137083.D
Acq On : 16 Jan 2024 17:06
Operator : CG\JU
Sample : IDOC-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 16 17:27:08 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 :
IDOC-04

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.786	152	69036	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	266040	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	134138	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	237462	20.000	ng		0.00
76) Chrysene-d12	13.974	240	126381	20.000	ng		0.00
86) Perylene-d12	15.462	264	126153	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	502112	113.483	ng		0.01
7) Phenol-d6	6.445	99	622588	108.594	ng		0.00
23) Nitrobenzene-d5	7.351	82	381423	73.364	ng		0.00
42) 2,4,6-Tribromophenol	10.621	330	169497	107.292	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	771798	77.387	ng		0.00
79) Terphenyl-d14	12.910	244	706662	78.140	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	60719	32.936	ng		97
3) Pyridine	3.398	79	132380	29.431	ng		92
4) n-Nitrosodimethylamine	3.363	42	82764	34.456	ng		98
6) Aniline	6.451	93	167147	29.160	ng	#	34
8) 2-Chlorophenol	6.581	128	193075	39.875	ng		92
9) Benzaldehyde	6.345	77	49314	15.122	ng		98
10) Phenol	6.457	94	234426	38.304	ng		98
11) bis(2-Chloroethyl)ether	6.528	93	178731	38.401	ng		94
12) 1,3-Dichlorobenzene	6.728	146	193037	36.546	ng		95
13) 1,4-Dichlorobenzene	6.804	146	196007	36.317	ng		99
14) 1,2-Dichlorobenzene	6.951	146	186337	37.104	ng		99
15) Benzyl Alcohol	6.939	79	151698	39.220	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	283978	37.319	ng		80
17) 2-Methylphenol	7.051	107	153072	38.161	ng		94
18) Hexachloroethane	7.286	117	70610	36.024	ng		95
19) n-Nitroso-di-n-propyla...	7.204	70	131049	37.707	ng		96
20) 3+4-Methylphenols	7.204	107	197133	39.338	ng	#	75
22) Acetophenone	7.198	105	268977	40.337	ng	#	89
24) Nitrobenzene	7.369	77	192497	36.961	ng		99
25) Isophorone	7.610	82	358310	37.876	ng		97
26) 2-Nitrophenol	7.686	139	101338	40.669	ng		95
27) 2,4-Dimethylphenol	7.728	122	165925	54.696	ng		98
28) bis(2-Chloroethoxy)met...	7.816	93	222749	38.736	ng		100
29) 2,4-Dichlorophenol	7.933	162	152748	39.111	ng		95
30) 1,2,4-Trichlorobenzene	8.004	180	165296	37.987	ng		99
31) Naphthalene	8.086	128	547177	37.438	ng		99
32) Benzoic acid	7.880	122	109364	37.259	ng		98
33) 4-Chloroaniline	8.139	127	115309	21.368	ng		96
34) Hexachlorobutadiene	8.192	225	95784	36.230	ng		100
35) Caprolactam	8.522	113	48383m	37.553	ng		
36) 4-Chloro-3-methylphenol	8.639	107	163467	37.179	ng		99
37) 2-Methylnaphthalene	8.775	142	353774	37.611	ng		99
38) 1-Methylnaphthalene	8.875	142	330336	35.796	ng		97
40) 1,2,4,5-Tetrachloroben...	8.945	216	170782	41.111	ng		99
41) Hexachlorocyclopentadiene	8.922	237	82566	63.417	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	106144	39.841	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.116	196	111744	37.639	ng		98
46)	1,1'-Biphenyl	9.245	154	452506	40.200	ng		98
47)	2-Chloronaphthalene	9.269	162	331076	38.690	ng		98
48)	2-Nitroaniline	9.374	65	100795	37.615	ng		93
49)	Acenaphthylene	9.686	152	516147	39.462	ng		100
50)	Dimethylphthalate	9.545	163	380886	38.875	ng		98
51)	2,6-Dinitrotoluene	9.616	165	81025	36.438	ng	#	85
52)	Acenaphthene	9.857	154	313804	38.704	ng		99
53)	3-Nitroaniline	9.786	138	66415	28.196	ng		94
54)	2,4-Dinitrophenol	9.910	184	74622	61.459	ng		98
55)	Dibenzofuran	10.027	168	474314	38.593	ng		99
56)	4-Nitrophenol	9.974	139	78089	49.109	ng		97
57)	2,4-Dinitrotoluene	10.027	165	102318	35.445	ng	#	89
58)	Fluorene	10.374	166	380300	38.998	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.157	232	87932	38.477	ng		98
60)	Diethylphthalate	10.251	149	381071	37.486	ng		99
61)	4-Chlorophenyl-phenyle...	10.363	204	183299	38.670	ng		99
62)	4-Nitroaniline	10.410	138	71793	31.616	ng		91
63)	Azobenzene	10.527	77	351217	36.990	ng		96
65)	4,6-Dinitro-2-methylph...	10.445	198	54369	39.951	ng		81
66)	n-Nitrosodiphenylamine	10.486	169	333980	43.296	ng		98
67)	4-Bromophenyl-phenylether	10.857	248	112112	42.512	ng		93
68)	Hexachlorobenzene	10.927	284	121575	41.367	ng	#	92
69)	Atrazine	11.027	200	135146	68.499	ng		97
70)	Pentachlorophenol	11.127	266	90769	66.261	ng		97
71)	Phenanthrene	11.345	178	508554	41.738	ng		100
72)	Anthracene	11.392	178	513358	41.603	ng		99
73)	Carbazole	11.557	167	448657	38.565	ng		99
74)	Di-n-butylphthalate	11.880	149	566590	39.912	ng		99
75)	Fluoranthene	12.539	202	490946	37.669	ng		98
77)	Benzidine	12.663	184	65317	17.528	ng		99
78)	Pyrene	12.768	202	480604	38.738	ng		99
80)	Butylbenzylphthalate	13.386	149	181940	40.303	ng		98
81)	Benzo(a)anthracene	13.962	228	369405	42.094	ng		99
82)	3,3'-Dichlorobenzidine	13.927	252	104233	41.823	ng		99
83)	Chrysene	14.004	228	336917	39.260	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.945	149	261601	46.058	ng		98
85)	Di-n-octyl phthalate	14.562	149	416267	47.379	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.003	276	442482	48.579	ng		100
88)	Benzo(b)fluoranthene	15.027	252	369790	43.887	ng		99
89)	Benzo(k)fluoranthene	15.056	252	314794	39.539	ng		98
90)	Benzo(a)pyrene	15.404	252	304538	42.818	ng		99
91)	Dibenzo(a,h)anthracene	17.009	278	377070	50.461	ng		98
92)	Benzo(g,h,i)perylene	17.462	276	377696	49.350	ng		99

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

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