Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
Data File : BF137433.D
Acq On : 28 Feb 2024 20:19
Operator : CG\JU
Sample : P1523-09MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

Quant Time: Feb 29 03:15:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 24 04:23:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	136629	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	566580	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	359017	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	682975	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	413248	20.000	ng	0.00
86) Perylene-d12	15.457	264	410507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	381587	43.095	ng	-0.02
7) Phenol-d6	6.422	99	930926	71.471	ng	-0.02
23) Nitrobenzene-d5	7.345	82	893509	78.732	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	80801	25.845	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1505497	65.284	ng	-0.01
79) Terphenyl-d14	12.916	244	1880679	63.654	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.499	88	180094	37.128	ng	96
3) Pyridine	3.246	79	408577	33.608	ng	99
4) n-Nitrosodimethylamine	3.210	42	161109	35.964	ng	98
6) Aniline	6.445	93	430272	27.855	ng	92
8) 2-Chlorophenol	6.569	128	444756	46.831	ng	97
9) Benzaldehyde	6.334	77	71225	11.358	ng	99
10) Phenol	6.434	94	643026	45.108	ng	97
11) bis(2-Chloroethyl)ether	6.522	93	461663	44.569	ng	99
12) 1,3-Dichlorobenzene	6.722	146	456863	44.796	ng	98
13) 1,4-Dichlorobenzene	6.798	146	470921	44.848	ng	98
14) 1,2-Dichlorobenzene	6.951	146	444312	45.746	ng	98
15) Benzyl Alcohol	6.928	79	407492	52.483	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	795986	46.232	ng	100
17) 2-Methylphenol	7.040	107	371044	41.292	ng	99
18) Hexachloroethane	7.287	117	155461	42.965	ng	93
19) n-Nitroso-di-n-propyla...	7.198	70	361271	45.010	ng	97
20) 3+4-Methylphenols	7.192	107	468280	45.722	ng	90
22) Acetophenone	7.192	105	620210	45.142	ng	98
24) Nitrobenzene	7.369	77	528111	45.797	ng	99
25) Isophorone	7.604	82	1029679	43.874	ng	99
26) 2-Nitrophenol	7.681	139	226649	51.228	ng	98
27) 2,4-Dimethylphenol	7.722	122	348630	40.392	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	606356	44.824	ng	100
29) 2,4-Dichlorophenol	7.922	162	388468	48.020	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	385446	44.390	ng	100
31) Naphthalene	8.087	128	1320201	43.420	ng	100
32) Benzoic acid	7.845	122	238113	45.506	ng	98
33) 4-Chloroaniline	8.140	127	198957	17.204	ng	95
34) Hexachlorobutadiene	8.198	225	221565	42.953	ng	100
35) Caprolactam	8.504	113	152308m	60.881	ng	
36) 4-Chloro-3-methylphenol	8.628	107	455232	49.637	ng	95
37) 2-Methylnaphthalene	8.775	142	857508	43.767	ng	100
38) 1-Methylnaphthalene	8.875	142	814920	43.993	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	409365	41.399	ng	98
41) Hexachlorocyclopentadiene	8.928	237	157377	35.103	ng	96
43) 2,4,6-Trichlorophenol	9.057	196	291109	45.405	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	314501	42.757	ng		98
46) 1,1'-Biphenyl	9.245	154	1102546	42.165	ng		98
47) 2-Chloronaphthalene	9.269	162	855944	43.345	ng		98
48) 2-Nitroaniline	9.369	65	324023	53.493	ng		98
49) Acenaphthylene	9.681	152	1417041	44.167	ng		99
50) Dimethylphthalate	9.551	163	1108653	44.690	ng		99
51) 2,6-Dinitrotoluene	9.610	165	237542	51.470	ng	#	87
52) Acenaphthene	9.857	154	806860	42.130	ng		99
53) 3-Nitroaniline	9.781	138	205513	39.415	ng		97
54) 2,4-Dinitrophenol	9.886	184	216453	93.423	ng		94
55) Dibenzofuran	10.028	168	1273706	43.030	ng		98
56) 4-Nitrophenol	9.951	139	382452	96.756	ng		93
57) 2,4-Dinitrotoluene	10.016	165	318282	54.403	ng		98
58) Fluorene	10.375	166	973338	43.058	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	274284	45.031	ng		93
60) Diethylphthalate	10.251	149	1100055	47.495	ng		100
61) 4-Chlorophenyl-phenyle...	10.369	204	465275	41.842	ng		97
62) 4-Nitroaniline	10.404	138	220779	45.561	ng		99
63) Azobenzene	10.528	77	1227708	44.303	ng		99
65) 4,6-Dinitro-2-methylph...	10.422	198	159102	47.674	ng		95
66) n-Nitrosodiphenylamine	10.492	169	902943	40.708	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	299890	40.844	ng		98
68) Hexachlorobenzene	10.922	284	326684	43.011	ng		99
69) Atrazine	11.022	200	305604	51.053	ng		98
70) Pentachlorophenol	11.122	266	347440	72.200	ng		99
71) Phenanthrene	11.339	178	1582054	41.986	ng		99
72) Anthracene	11.392	178	1601494	41.241	ng		100
73) Carbazole	11.551	167	1454770	43.847	ng		99
74) Di-n-butylphthalate	11.892	149	1909176	57.509	ng		99
75) Fluoranthene	12.539	202	1623049	44.127	ng		100
77) Benzidine	12.669	184	166316	27.100	ng		97
78) Pyrene	12.763	202	1655865	42.376	ng		100
80) Butylbenzylphthalate	13.398	149	567738	79.349	ng		92
81) Benzo(a)anthracene	13.963	228	1262381	44.022	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	353142	52.306	ng		98
83) Chrysene	14.004	228	1272335	43.434	ng		100
84) Bis(2-ethylhexyl)phtha...	13.963	149	849049	90.194	ng		98
85) Di-n-octyl phthalate	14.586	149	1555567	84.639	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.968	276	1051770	37.431	ng		99
88) Benzo(b)fluoranthene	15.027	252	1149640	45.652	ng		98
89) Benzo(k)fluoranthene	15.057	252	1116212	42.290	ng		99
90) Benzo(a)pyrene	15.398	252	1029277	43.090	ng		99
91) Dibenzo(a,h)anthracene	16.992	278	863634	37.431	ng		99
92) Benzo(g,h,i)perylene	17.421	276	798582	33.806	ng		99

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

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