Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139503.D
Acq On : 20 Sep 2024 15:55
Operator : RC/JU
Sample : P4126-01MSD 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 16:52:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	84652	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	293536	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	130592	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	214580	20.000	ng		0.00
76) Chrysene-d12	14.039	240	124140	20.000	ng	#	0.00
86) Perylene-d12	15.509	264	97561	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	251327	48.434	ng		0.00
7) Phenol-d6	6.510	99	335758	49.296	ng		0.00
23) Nitrobenzene-d5	7.439	82	218014	34.916	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	59991	43.149	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	358352	38.486	ng		0.00
79) Terphenyl-d14	12.980	244	310029	40.992	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	34570	16.605	ng		97
3) Pyridine	3.422	79	90968	19.818	ng		98
4) n-Nitrosodimethylamine	3.363	42	73280	18.419	ng		87
6) Aniline	6.563	93	41007	7.978	ng		98
8) 2-Chlorophenol	6.663	128	113941	21.331	ng		98
9) Benzaldehyde	6.428	77	18491	4.699	ng		96
10) Phenol	6.522	94	146743	21.154	ng		92
11) bis(2-Chloroethyl)ether	6.610	93	122647	23.262	ng		93
12) 1,3-Dichlorobenzene	6.816	146	119137	19.612	ng		98
13) 1,4-Dichlorobenzene	6.892	146	122578	19.968	ng		98
14) 1,2-Dichlorobenzene	7.045	146	115624	19.933	ng		98
15) Benzyl Alcohol	7.016	79	82650	15.210	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	195693	24.084	ng		99
17) 2-Methylphenol	7.134	107	90107	21.232	ng		97
18) Hexachloroethane	7.386	117	42758	18.287	ng		99
19) n-Nitroso-di-n-propyla...	7.287	70	84857	21.024	ng		99
20) 3+4-Methylphenols	7.287	107	115812	20.002	ng	#	86
22) Acetophenone	7.281	105	159258	20.753	ng		97
24) Nitrobenzene	7.457	77	129796	20.198	ng		98
25) Isophorone	7.692	82	219895	22.268	ng		99
26) 2-Nitrophenol	7.775	139	55315	22.094	ng		93
27) 2,4-Dimethylphenol	7.810	122	86986m	26.339	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	129493	23.009	ng		99
29) 2,4-Dichlorophenol	8.022	162	87088	20.757	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	96161	19.671	ng		99
31) Naphthalene	8.181	128	323057	21.081	ng		100
32) Benzoic acid	7.898	122	36245	11.727	ng		93
33) 4-Chloroaniline	8.269	127	67060	14.304	ng		98
34) Hexachlorobutadiene	8.298	225	63670	19.171	ng		99
35) Caprolactam	8.581	113	25306	19.608	ng		97
36) 4-Chloro-3-methylphenol	8.716	107	87321	18.211	ng		97
37) 2-Methylnaphthalene	8.869	142	198859	20.444	ng		99
38) 1-Methylnaphthalene	8.969	142	181236	18.979	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	89330	23.081	ng		99
41) Hexachlorocyclopentadiene	9.022	237	47105	34.857	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	55609	22.084	ng		98

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44)	2,4,5-Trichlorophenol	9.198	196	56939	21.437	ng		100
46)	1,1'-Biphenyl	9.333	154	228780	22.771	ng		99
47)	2-Chloronaphthalene	9.357	162	167000	22.231	ng		99
48)	2-Nitroaniline	9.457	65	62458	22.354	ng		99
49)	Acenaphthylene	9.775	152	261174	23.097	ng		99
50)	Dimethylphthalate	9.633	163	197718	23.067	ng		99
51)	2,6-Dinitrotoluene	9.698	165	40691	21.430	ng		89
52)	Acenaphthene	9.945	154	174598	22.123	ng		100
53)	3-Nitroaniline	9.869	138	37504	19.764	ng		89
54)	2,4-Dinitrophenol	9.975	184	17637	16.669	ng		89
55)	Dibenzofuran	10.116	168	237056	21.551	ng		96
56)	4-Nitrophenol	10.033	139	58029	36.956	ng		85
57)	2,4-Dinitrotoluene	10.098	165	51492	20.086	ng		96
58)	Fluorene	10.463	166	192386	21.436	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.239	232	43945	20.001	ng		94
60)	Diethylphthalate	10.327	149	185567	20.979	ng		99
61)	4-Chlorophenyl-phenyle...	10.451	204	85370	19.572	ng		97
62)	4-Nitroaniline	10.475	138	38154	18.422	ng		88
63)	Azobenzene	10.616	77	197494	22.701	ng		89
65)	4,6-Dinitro-2-methylph...	10.504	198	12770	11.276	ng		90
66)	n-Nitrosodiphenylamine	10.569	169	151663	24.175	ng		98
67)	4-Bromophenyl-phenylether	10.945	248	47497	22.337	ng		97
68)	Hexachlorobenzene	11.010	284	53602	21.478	ng		98
69)	Atrazine	11.098	200	42438	28.414	ng		99
70)	Pentachlorophenol	11.204	266	60007	40.072	ng		98
71)	Phenanthrene	11.427	178	356654	34.451	ng		100
72)	Anthracene	11.474	178	271807	26.853	ng		99
73)	Carbazole	11.633	167	232347	23.984	ng		98
74)	Di-n-butylphthalate	11.957	149	256753	23.792	ng		99
75)	Fluoranthene	12.610	202	407409	36.851	ng		98
77)	Benzidine	12.745	184	33407	18.783	ng	#	95
78)	Pyrene	12.839	202	418561	39.268	ng		99
80)	Butylbenzylphthalate	13.457	149	100351	27.659	ng		98
81)	Benzo(a)anthracene	14.027	228	238334	28.984	ng		99
82)	3,3'-Dichlorobenzidine	13.992	252	54632	22.687	ng		99
83)	Chrysene	14.063	228	213300	28.195	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.015	149	121030	26.223	ng		100
85)	Di-n-octyl phthalate	14.627	149	169133	24.883	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.986	276	140521	24.223	ng		98
88)	Benzo(b)fluoranthene	15.080	252	168561	28.014	ng		99
89)	Benzo(k)fluoranthene	15.110	252	143950	25.947	ng		99
90)	Benzo(a)pyrene	15.445	252	150303	30.120	ng	#	98
91)	Dibenzo(a,h)anthracene	17.004	278	101685	21.212	ng		99
92)	Benzo(g,h,i)perylene	17.427	276	105425	22.212	ng		97

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

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