Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111124\
Data File : BF140318.D
Acq On : 11 Nov 2024 15:34
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Nov 11 23:48:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 11 23:41:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	177846	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	649610	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	351440	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	642433	20.000	ng		0.00
76) Chrysene-d12	14.057	240	352530	20.000	ng		0.00
86) Perylene-d12	15.557	264	339432	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1173538	114.002	ng		0.00
7) Phenol-d6	6.516	99	1573567	115.039	ng		0.00
23) Nitrobenzene-d5	7.451	82	1458789	116.579	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	397214	116.338	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	2387043	107.235	ng		0.00
79) Terphenyl-d14	12.992	244	2346201	114.121	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	267686	57.822	ng		99
3) Pyridine	3.416	79	657574	58.941	ng		99
4) n-Nitrosodimethylamine	3.387	42	357538	61.091	ng		99
6) Aniline	6.545	93	667124	55.280	ng	#	85
8) 2-Chlorophenol	6.669	128	621138	56.835	ng		98
9) Benzaldehyde	6.434	77	382927	46.849	ng		98
10) Phenol	6.528	94	830209	57.218	ng		94
11) bis(2-Chloroethyl)ether	6.622	93	657220	59.106	ng		99
12) 1,3-Dichlorobenzene	6.822	146	700433	56.852	ng		99
13) 1,4-Dichlorobenzene	6.898	146	700368	56.385	ng		99
14) 1,2-Dichlorobenzene	7.051	146	636025	55.400	ng		100
15) Benzyl Alcohol	7.022	79	590363	58.367	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	882711	58.002	ng		99
17) 2-Methylphenol	7.134	107	524481	58.482	ng		98
18) Hexachloroethane	7.392	117	267303	57.422	ng		99
19) n-Nitroso-di-n-propyla...	7.304	70	472079	56.669	ng		99
20) 3+4-Methylphenols	7.287	107	617326	54.945	ng		96
22) Acetophenone	7.292	105	847533	56.172	ng		99
24) Nitrobenzene	7.469	77	765417	58.438	ng		100
25) Isophorone	7.704	82	1301114	59.692	ng		100
26) 2-Nitrophenol	7.781	139	344245	61.441	ng		98
27) 2,4-Dimethylphenol	7.816	122	438551	59.884	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	778088	58.333	ng		99
29) 2,4-Dichlorophenol	8.022	162	518381	57.650	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	579811	57.185	ng		99
31) Naphthalene	8.187	128	1843353	56.613	ng		100
32) Benzoic acid	7.957	122	437256	66.339	ng		99
33) 4-Chloroaniline	8.234	127	644966	57.264	ng		97
34) Hexachlorobutadiene	8.298	225	368673	56.432	ng		100
35) Caprolactam	8.622	113	174455	61.095	ng		96
36) 4-Chloro-3-methylphenol	8.716	107	582664	58.777	ng		98
37) 2-Methylnaphthalene	8.875	142	1164222	56.185	ng		100
38) 1-Methylnaphthalene	8.975	142	1142743	56.480	ng		98
40) 1,2,4,5-Tetrachloroben...	9.039	216	560643	56.881	ng		99
41) Hexachlorocyclopentadiene	9.022	237	160399	65.372	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	388990	60.505	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	399742	57.399	ng	99
46) 1,1'-Biphenyl	9.339	154	1429873	55.485	ng	99
47) 2-Chloronaphthalene	9.363	162	1105231	56.046	ng	98
48) 2-Nitroaniline	9.463	65	388613	59.477	ng	99
49) Acenaphthylene	9.781	152	1661048	56.051	ng	99
50) Dimethylphthalate	9.645	163	1318016	57.750	ng	100
51) 2,6-Dinitrotoluene	9.704	165	305496	59.487	ng	99
52) Acenaphthene	9.951	154	1143104	56.954	ng	100
53) 3-Nitroaniline	9.875	138	320564	58.995	ng	99
54) 2,4-Dinitrophenol	9.980	184	180416	69.436	ng	99
55) Dibenzofuran	10.128	168	1548819	55.268	ng	99
56) 4-Nitrophenol	10.033	139	250565	64.614	ng	98
57) 2,4-Dinitrotoluene	10.110	165	399318	59.047	ng	97
58) Fluorene	10.469	166	1213260	55.112	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	323098	58.315	ng	100
60) Diethylphthalate	10.339	149	1321200	56.839	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	602509	54.985	ng	98
62) 4-Nitroaniline	10.492	138	322250	59.254	ng	98
63) Azobenzene	10.622	77	1323752	57.041	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	228282	64.716	ng	99
66) n-Nitrosodiphenylamine	10.580	169	1075449	57.409	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	368973	57.321	ng	98
68) Hexachlorobenzene	11.016	284	415117	57.580	ng	98
69) Atrazine	11.104	200	228409	48.945	ng	99
70) Pentachlorophenol	11.210	266	255010	63.249	ng	99
71) Phenanthrene	11.433	178	1680542	55.666	ng	100
72) Anthracene	11.486	178	1648680	55.860	ng	99
73) Carbazole	11.639	167	1610200	55.711	ng	99
74) Di-n-butylphthalate	11.963	149	1948414	56.328	ng	100
75) Fluoranthene	12.621	202	1802682	54.537	ng	100
77) Benzidine	12.745	184	980269	79.354	ng	100
78) Pyrene	12.851	202	1810599	58.339	ng	99
80) Butylbenzylphthalate	13.463	149	709141	60.039	ng	98
81) Benzo(a)anthracene	14.045	228	1319199	57.157	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	452329	61.198	ng	98
83) Chrysene	14.086	228	1217496	57.634	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	925153	58.855	ng	100
85) Di-n-octyl phthalate	14.657	149	1371635	59.319	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	1310511	62.618	ng	100
88) Benzo(b)fluoranthene	15.121	252	1298347	60.773	ng	99
89) Benzo(k)fluoranthene	15.151	252	950962	52.940	ng	100
90) Benzo(a)pyrene	15.498	252	1015173	58.843	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	1058720	61.560	ng	99
92) Benzo(g,h,i)perylene	17.533	276	1112909	62.689	ng	100

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

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