Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140858.D
Acq On : 16 Dec 2024 14:00
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Dec 16 16:48:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.846	152	71395	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	269448	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	153586	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	299699	20.000	ng		0.00
76) Chrysene-d12	14.039	240	234229	20.000	ng		0.00
86) Perylene-d12	15.563	264	220576	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	182586	42.100	ng		0.00
7) Phenol-d6	6.493	99	237156	41.285	ng		0.00
23) Nitrobenzene-d5	7.410	82	226356	42.030	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	74311	40.909	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	472330	42.281	ng		0.00
79) Terphenyl-d14	12.957	244	570640	38.416	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	38355	20.532	ng		96
3) Pyridine	3.405	79	91704	21.197	ng		99
4) n-Nitrosodimethylamine	3.340	42	44712	20.501	ng		97
6) Aniline	6.516	93	103355	21.043	ng	#	81
8) 2-Chlorophenol	6.640	128	96909	20.490	ng		98
9) Benzaldehyde	6.404	77	70862	22.263	ng		98
10) Phenol	6.510	94	123728	20.782	ng		90
11) bis(2-Chloroethyl)ether	6.581	93	91473	20.602	ng		98
12) 1,3-Dichlorobenzene	6.787	146	111145	20.624	ng		99
13) 1,4-Dichlorobenzene	6.863	146	113006	20.658	ng		98
14) 1,2-Dichlorobenzene	7.016	146	107719	20.870	ng		97
15) Benzyl Alcohol	6.998	79	88251	21.487	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	108472	20.739	ng		89
17) 2-Methylphenol	7.110	107	77132	20.427	ng		97
18) Hexachloroethane	7.351	117	41766	20.509	ng		97
19) n-Nitroso-di-n-propyla...	7.257	70	71344	20.705	ng		100
20) 3+4-Methylphenols	7.269	107	102814	20.534	ng	#	88
22) Acetophenone	7.257	105	140187	20.798	ng		98
24) Nitrobenzene	7.434	77	114486	20.750	ng		98
25) Isophorone	7.669	82	185900	20.601	ng		100
26) 2-Nitrophenol	7.751	139	52133	20.516	ng		99
27) 2,4-Dimethylphenol	7.787	122	60750	20.471	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	115605	20.512	ng		98
29) 2,4-Dichlorophenol	7.998	162	84299	20.575	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	96194	20.481	ng		99
31) Naphthalene	8.151	128	303425	20.500	ng		99
32) Benzoic acid	7.910	122	51770	18.394	ng		97
33) 4-Chloroaniline	8.204	127	101583	20.664	ng		99
34) Hexachlorobutadiene	8.263	225	65803	20.824	ng		99
35) Caprolactam	8.569	113	24344	19.958	ng		98
36) 4-Chloro-3-methylphenol	8.693	107	93611	20.300	ng		98
37) 2-Methylnaphthalene	8.840	142	199492	20.375	ng		100
38) 1-Methylnaphthalene	8.940	142	193053	19.937	ng		100
40) 1,2,4,5-Tetrachloroben...	9.004	216	98517	20.869	ng		99
41) Hexachlorocyclopentadiene	8.987	237	18486	21.391	ng		99
43) 2,4,6-Trichlorophenol	9.128	196	59284	20.509	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	65450	20.600	ng	99
46) 1,1'-Biphenyl	9.304	154	251662	20.606	ng	98
47) 2-Chloronaphthalene	9.328	162	192611	20.615	ng	98
48) 2-Nitroaniline	9.434	65	57140	20.250	ng	99
49) Acenaphthylene	9.745	152	288710	21.027	ng	99
50) Dimethylphthalate	9.598	163	220880	20.399	ng	99
51) 2,6-Dinitrotoluene	9.669	165	50302	20.321	ng	97
52) Acenaphthene	9.916	154	179112	20.422	ng	99
53) 3-Nitroaniline	9.845	138	50453	20.538	ng	100
54) 2,4-Dinitrophenol	9.969	184	16571	19.139	ng	96
55) Dibenzofuran	10.087	168	281092	20.683	ng	98
56) 4-Nitrophenol	10.039	139	20392	19.017	ng	90
57) 2,4-Dinitrotoluene	10.081	165	67570	20.746	ng	100
58) Fluorene	10.434	166	229160	20.439	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	52966	20.459	ng	98
60) Diethylphthalate	10.298	149	229798	20.466	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	116545	20.693	ng	97
62) 4-Nitroaniline	10.457	138	52016	20.263	ng	97
63) Azobenzene	10.581	77	214137	20.286	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	32520	19.149	ng	93
66) n-Nitrosodiphenylamine	10.539	169	192873	20.932	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	70804	21.118	ng	99
68) Hexachlorobenzene	10.981	284	80189	21.095	ng	99
69) Atrazine	11.069	200	57872	22.488	ng	99
70) Pentachlorophenol	11.186	266	24650m	17.726	ng	
71) Phenanthrene	11.398	178	321392	20.854	ng	100
72) Anthracene	11.451	178	315664	20.798	ng	99
73) Carbazole	11.610	167	307615	20.692	ng	99
74) Di-n-butylphthalate	11.928	149	369257	21.164	ng	99
75) Fluoranthene	12.586	202	374894	21.122	ng	100
77) Benzidine	12.716	184	93986	19.660	ng	99
78) Pyrene	12.822	202	386539	18.558	ng	99
80) Butylbenzylphthalate	13.427	149	145401	18.972	ng	97
81) Benzo(a)anthracene	14.027	228	332845	20.050	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	105124	20.989	ng	97
83) Chrysene	14.069	228	319417	21.160	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	204953	20.740	ng	97
85) Di-n-octyl phthalate	14.651	149	315841	21.125	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	293402	21.315	ng	100
88) Benzo(b)fluoranthene	15.121	252	319848	20.890	ng	99
89) Benzo(k)fluoranthene	15.151	252	269871	20.548	ng	99
90) Benzo(a)pyrene	15.498	252	250110	20.861	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	240810	21.117	ng	99
92) Benzo(g,h,i)perylene	17.515	276	241228	20.785	ng	99

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

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