Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140860.D
Acq On : 16 Dec 2024 15:23
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Dec 16 16:50:14 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	6.851	152	76886	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	285955	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	172713	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	351718	20.000	ng	0.00
76) Chrysene-d12	14.033	240	231973	20.000	ng	0.00
86) Perylene-d12	15.527	264	225570	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	473230	101.322	ng	0.00
7) Phenol-d6	6.498	99	605803	97.928	ng	0.00
23) Nitrobenzene-d5	7.422	82	568078	99.392	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	202693	99.228	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1161315	92.444	ng	0.00
79) Terphenyl-d14	12.957	244	1405567	95.545	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	100045	49.730	ng	100
3) Pyridine	3.399	79	234673	50.370	ng	98
4) n-Nitrosodimethylamine	3.363	42	119432	50.851	ng	99
6) Aniline	6.522	93	262131	49.559	ng	90
8) 2-Chlorophenol	6.645	128	252311	49.538	ng	98
9) Benzaldehyde	6.410	77	158111	46.127	ng	99
10) Phenol	6.516	94	315876	49.267	ng	96
11) bis(2-Chloroethyl)ether	6.587	93	237699	49.712	ng	98
12) 1,3-Dichlorobenzene	6.792	146	287366	49.515	ng	98
13) 1,4-Dichlorobenzene	6.869	146	287394	48.784	ng	99
14) 1,2-Dichlorobenzene	7.022	146	269678	48.518	ng	98
15) Benzyl Alcohol	6.998	79	219795	49.692	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	276410	49.072	ng	94
17) 2-Methylphenol	7.116	107	199766	49.127	ng	99
18) Hexachloroethane	7.357	117	107131	48.849	ng	99
19) n-Nitroso-di-n-propyla...	7.269	70	180295	48.587	ng	99
20) 3+4-Methylphenols	7.269	107	261470	48.491	ng	94
22) Acetophenone	7.263	105	354645	49.578	ng	99
24) Nitrobenzene	7.439	77	291463	49.777	ng	99
25) Isophorone	7.675	82	474812	49.580	ng	99
26) 2-Nitrophenol	7.751	139	136187	50.500	ng	98
27) 2,4-Dimethylphenol	7.792	122	156314	49.632	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	299078	50.002	ng	99
29) 2,4-Dichlorophenol	7.998	162	215069	49.463	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	244191	48.990	ng	98
31) Naphthalene	8.151	128	779270	49.610	ng	100
32) Benzoic acid	7.951	122	157548	52.746	ng	100
33) 4-Chloroaniline	8.210	127	255688	49.011	ng	99
34) Hexachlorobutadiene	8.263	225	166884	49.763	ng	99
35) Caprolactam	8.592	113	63631	49.156	ng	97
36) 4-Chloro-3-methylphenol	8.698	107	237414	48.512	ng	98
37) 2-Methylnaphthalene	8.839	142	500202	48.139	ng	100
38) 1-Methylnaphthalene	8.939	142	490420	47.724	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	248636	46.837	ng	99
41) Hexachlorocyclopentadiene	8.992	237	70543	50.029	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	154361	47.487	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	170411	47.697	ng	99
46) 1,1'-Biphenyl	9.304	154	631768	46.001	ng	99
47) 2-Chloronaphthalene	9.333	162	485339	46.194	ng	98
48) 2-Nitroaniline	9.439	65	147104	46.359	ng	96
49) Acenaphthylene	9.745	152	732431	47.437	ng	100
50) Dimethylphthalate	9.610	163	564903	46.392	ng	99
51) 2,6-Dinitrotoluene	9.680	165	130941	47.039	ng	97
52) Acenaphthene	9.922	154	475150	48.175	ng	100
53) 3-Nitroaniline	9.851	138	140148	50.732	ng	99
54) 2,4-Dinitrophenol	9.969	184	62738	48.955	ng	99
55) Dibenzofuran	10.092	168	736252	48.174	ng	100
56) 4-Nitrophenol	10.033	139	72965	50.818	ng	96
57) 2,4-Dinitrotoluene	10.086	165	181952	49.679	ng	99
58) Fluorene	10.433	166	617054	48.940	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	153671	52.784	ng	100
60) Diethylphthalate	10.304	149	624564	49.463	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	313978	49.574	ng	99
62) 4-Nitroaniline	10.469	138	148255	51.356	ng	99
63) Azobenzene	10.586	77	586556	49.412	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	103510	51.936	ng	98
66) n-Nitrosodiphenylamine	10.545	169	520491	48.132	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	188429	47.888	ng	97
68) Hexachlorobenzene	10.986	284	215259	48.252	ng	99
69) Atrazine	11.075	200	134376	44.493	ng	99
70) Pentachlorophenol	11.192	266	89834	55.046	ng	99
71) Phenanthrene	11.398	178	868333	48.009	ng	99
72) Anthracene	11.451	178	860045	48.285	ng	99
73) Carbazole	11.610	167	854710	48.990	ng	99
74) Di-n-butylphthalate	11.927	149	1041587	50.870	ng	100
75) Fluoranthene	12.592	202	1000374	48.026	ng	99
77) Benzidine	12.716	184	285677	60.340	ng	99
78) Pyrene	12.821	202	1021434	49.516	ng	100
80) Butylbenzylphthalate	13.427	149	389705	51.343	ng	99
81) Benzo(a)anthracene	14.015	228	804868	48.956	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	250344	50.470	ng	99
83) Chrysene	14.057	228	727490	48.661	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	495633	50.642	ng	100
85) Di-n-octyl phthalate	14.621	149	777794	52.530	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	625642	44.446	ng	99
88) Benzo(b)fluoranthene	15.098	252	712222	45.486	ng	99
89) Benzo(k)fluoranthene	15.127	252	644153	47.959	ng	99
90) Benzo(a)pyrene	15.468	252	595306	48.554	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	517904	44.411	ng	99
92) Benzo(g,h,i)perylene	17.486	276	532268	44.846	ng	99

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

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