Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141094.D
Acq On : 08 Jan 2025 19:49
Operator : RC/JU
Sample : Q1025-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GREENBROOK-COMPMSD

Quant Time: Jan 09 00:04:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	186378	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	714309	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	357342	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	519785	20.000	ng		0.00
76) Chrysene-d12	13.992	240	392943	20.000	ng		0.00
86) Perylene-d12	15.451	264	319792	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	1116212	90.276	ng		0.01
7) Phenol-d6	6.451	99	1433823	90.019	ng		0.00
23) Nitrobenzene-d5	7.392	82	881350	78.939	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	362647	104.440	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1462356	65.200	ng		0.00
79) Terphenyl-d14	12.933	244	1318270	55.724	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	256795	45.875	ng		97
3) Pyridine	3.375	79	656299	47.975	ng		97
4) n-Nitrosodimethylamine	3.322	42	342208	49.371	ng		99
6) Aniline	6.487	93	300648	21.164	ng	#	89
8) 2-Chlorophenol	6.610	128	693724	53.216	ng		96
9) Benzaldehyde	6.375	77	104571	6.498	ng		95
10) Phenol	6.469	94	848408	51.513	ng		99
11) bis(2-Chloroethyl)ether	6.563	93	642258	48.296	ng		97
12) 1,3-Dichlorobenzene	6.769	146	712927	49.555	ng		99
13) 1,4-Dichlorobenzene	6.845	146	709784	48.941	ng		99
14) 1,2-Dichlorobenzene	6.998	146	688951	50.950	ng		99
15) Benzyl Alcohol	6.969	79	586582	51.248	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	939566	46.719	ng		98
17) 2-Methylphenol	7.081	107	548776	50.672	ng		98
18) Hexachloroethane	7.339	117	259741	50.416	ng		99
19) n-Nitroso-di-n-propyla...	7.239	70	462485	47.395	ng		99
20) 3+4-Methylphenols	7.234	107	665356	48.549	ng	#	79
22) Acetophenone	7.239	105	866479	49.448	ng		99
24) Nitrobenzene	7.410	77	705224	56.528	ng		96
25) Isophorone	7.651	82	1250007	51.450	ng		99
26) 2-Nitrophenol	7.728	139	349570	66.123	ng		97
27) 2,4-Dimethylphenol	7.763	122	544400	61.312	ng		100
28) bis(2-Chloroethoxy)met...	7.863	93	765366	49.721	ng		99
29) 2,4-Dichlorophenol	7.963	162	540892	53.711	ng		100
30) 1,2,4-Trichlorobenzene	8.051	180	565167	49.584	ng		99
31) Naphthalene	8.134	128	1894598	50.335	ng		99
32) Benzoic acid	7.875	122	432418	57.386	ng		96
33) 4-Chloroaniline	8.175	127	113109	8.307	ng		99
34) Hexachlorobutadiene	8.251	225	344953	51.336	ng		99
35) Caprolactam	8.545	113	179121m	52.321	ng		
36) 4-Chloro-3-methylphenol	8.657	107	580375	51.895	ng		99
37) 2-Methylnaphthalene	8.822	142	1218952	50.622	ng		100
38) 1-Methylnaphthalene	8.922	142	1138407	48.105	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	555346	56.490	ng		99
41) Hexachlorocyclopentadiene	8.975	237	448380	137.630	ng		99
43) 2,4,6-Trichlorophenol	9.098	196	377177	57.646	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	382124	57.078	ng		98
46) 1,1'-Biphenyl	9.286	154	1474782	53.900	ng		99
47) 2-Chloronaphthalene	9.310	162	1110390	52.326	ng		99
48) 2-Nitroaniline	9.404	65	350234	61.629	ng		93
49) Acenaphthylene	9.728	152	1697267	55.560	ng		99
50) Dimethylphthalate	9.586	163	1318773	56.106	ng		100
51) 2,6-Dinitrotoluene	9.645	165	287357	59.038	ng		96
52) Acenaphthene	9.898	154	1161744	56.253	ng		100
53) 3-Nitroaniline	9.810	138	168518	33.393	ng	#	93
54) 2,4-Dinitrophenol	9.916	184	191645	93.268	ng	#	1
55) Dibenzofuran	10.069	168	1507614	51.945	ng		100
56) 4-Nitrophenol	9.969	139	441753	109.871	ng		96
57) 2,4-Dinitrotoluene	10.045	165	376290	62.637	ng		96
58) Fluorene	10.410	166	1117795	49.666	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	308438	55.629	ng		96
60) Diethylphthalate	10.286	149	1235879	53.260	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	561892	51.886	ng		97
62) 4-Nitroaniline	10.422	138	240309	46.273	ng		93
63) Azobenzene	10.563	77	1289052	52.925	ng		97
65) 4,6-Dinitro-2-methylph...	10.451	198	137144	62.637	ng		94
66) n-Nitrosodiphenylamine	10.522	169	1016227	62.086	ng		100
67) 4-Bromophenyl-phenylether	10.892	248	346418	61.652	ng		99
68) Hexachlorobenzene	10.957	284	364035	58.755	ng		99
69) Atrazine	11.051	200	322370	70.499	ng		100
70) Pentachlorophenol	11.151	266	438032	113.552	ng		99
71) Phenanthrene	11.375	178	1566872	57.275	ng		100
72) Anthracene	11.422	178	1573252	58.690	ng		99
73) Carbazole	11.580	167	1346259	52.243	ng		100
74) Di-n-butylphthalate	11.910	149	1677006	57.216	ng		100
75) Fluoranthene	12.563	202	1644938	55.441	ng		98
77) Benzidine	12.680	184	464726	55.961	ng		100
78) Pyrene	12.792	202	1719798	50.044	ng		100
80) Butylbenzylphthalate	13.410	149	670872	53.461	ng		99
81) Benzo(a)anthracene	13.980	228	1458320	53.251	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	315584	38.355	ng		99
83) Chrysene	14.016	228	1338370	54.213	ng		100
84) Bis(2-ethylhexyl)phtha...	13.974	149	869677	53.428	ng		100
85) Di-n-octyl phthalate	14.592	149	1479459	62.797	ng		97
87) Indeno(1,2,3-cd)pyrene	16.909	276	1049502	52.091	ng		97
88) Benzo(b)fluoranthene	15.027	252	1276736	57.243	ng		99
89) Benzo(k)fluoranthene	15.057	252	992672	56.787	ng		99
90) Benzo(a)pyrene	15.392	252	1034004	59.729	ng		99
91) Dibenzo(a,h)anthracene	16.933	278	840714	51.477	ng		98
92) Benzo(g,h,i)perylene	17.351	276	778148	45.938	ng		97

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

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