Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
Data File : BF141055.D
Acq On : 31 Dec 2024 13:35
Operator : RC/JU
Sample : P5398-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
341-349MSD

Quant Time: Dec 31 13:59:18 2024
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	236442	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	899723	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	422063	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	595521	20.000	ng		0.00
76) Chrysene-d12	13.986	240	486184	20.000	ng		0.00
86) Perylene-d12	15.445	264	407270	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	1150444	73.344	ng		0.01
7) Phenol-d6	6.451	99	1436238	71.078	ng		0.00
23) Nitrobenzene-d5	7.392	82	890312	63.309	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	323373	78.848	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	1543983	58.284	ng		0.00
79) Terphenyl-d14	12.933	244	1278027	43.662	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	312315	43.979	ng		98
3) Pyridine	3.375	79	808776	46.603	ng		98
4) n-Nitrosodimethylamine	3.322	42	416383	47.353	ng		99
6) Aniline	6.492	93	725586	40.263	ng		100
8) 2-Chlorophenol	6.610	128	837607	50.649	ng		98
9) Benzaldehyde	6.375	77	146347	8.245	ng		97
10) Phenol	6.469	94	1049594	50.234	ng		99
11) bis(2-Chloroethyl)ether	6.563	93	806043	47.778	ng		99
12) 1,3-Dichlorobenzene	6.769	146	866581	47.481	ng		99
13) 1,4-Dichlorobenzene	6.845	146	870931	47.337	ng		100
14) 1,2-Dichlorobenzene	6.998	146	827195	48.221	ng		98
15) Benzyl Alcohol	6.969	79	720881	49.646	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1220518	47.838	ng		99
17) 2-Methylphenol	7.081	107	658120	47.902	ng		99
18) Hexachloroethane	7.345	117	316913	48.489	ng		98
19) n-Nitroso-di-n-propyla...	7.245	70	571361	46.155	ng		98
20) 3+4-Methylphenols	7.234	107	809325	46.550	ng	#	82
22) Acetophenone	7.239	105	1062382	48.134	ng		99
24) Nitrobenzene	7.410	77	857464	54.567	ng		96
25) Isophorone	7.651	82	1538330	50.269	ng		99
26) 2-Nitrophenol	7.728	139	423389	63.786	ng		98
27) 2,4-Dimethylphenol	7.763	122	660407	59.049	ng		100
28) bis(2-Chloroethoxy)met...	7.863	93	954302	49.219	ng		99
29) 2,4-Dichlorophenol	7.963	162	651042	51.326	ng		99
30) 1,2,4-Trichlorobenzene	8.051	180	689452	48.023	ng		99
31) Naphthalene	8.133	128	2243995	47.332	ng		100
32) Benzoic acid	7.875	122	506586	53.912	ng		95
33) 4-Chloroaniline	8.175	127	328431	19.149	ng		99
34) Hexachlorobutadiene	8.251	225	420065	49.631	ng		99
35) Caprolactam	8.545	113	210298m	48.769	ng		
36) 4-Chloro-3-methylphenol	8.657	107	672075	47.710	ng		98
37) 2-Methylnaphthalene	8.822	142	1455119	47.976	ng		100
38) 1-Methylnaphthalene	8.922	142	1337747	44.879	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	645918	55.628	ng		99
41) Hexachlorocyclopentadiene	8.975	237	439727	114.277	ng		99
43) 2,4,6-Trichlorophenol	9.098	196	440697	57.026	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	436520	55.205	ng		97
46) 1,1'-Biphenyl	9.286	154	1738265	53.788	ng		100
47) 2-Chloronaphthalene	9.310	162	1292394	51.563	ng		99
48) 2-Nitroaniline	9.404	65	409672	61.078	ng		93
49) Acenaphthylene	9.727	152	1956145	54.215	ng		100
50) Dimethylphthalate	9.586	163	1544551	55.636	ng		100
51) 2,6-Dinitrotoluene	9.645	165	333318	58.045	ng		94
52) Acenaphthene	9.898	154	1335161	54.737	ng		99
53) 3-Nitroaniline	9.810	138	245343	40.402	ng	#	94
54) 2,4-Dinitrophenol	9.916	184	216804	90.643	ng	#	1
55) Dibenzofuran	10.069	168	1720066	50.177	ng		99
56) 4-Nitrophenol	9.969	139	492681	103.747	ng		96
57) 2,4-Dinitrotoluene	10.045	165	414756	58.753	ng		96
58) Fluorene	10.410	166	1249855	47.018	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	344444	52.597	ng		97
60) Diethylphthalate	10.286	149	1435950	52.393	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	638770	49.940	ng		97
62) 4-Nitroaniline	10.422	138	271566	44.418	ng		93
63) Azobenzene	10.563	77	1514678	52.652	ng		96
65) 4,6-Dinitro-2-methylph...	10.451	198	152628	61.112	ng		96
66) n-Nitrosodiphenylamine	10.522	169	1141034	60.846	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	387776	60.235	ng		98
68) Hexachlorobenzene	10.957	284	393810	55.477	ng		100
69) Atrazine	11.051	200	362304	69.156	ng		100
70) Pentachlorophenol	11.151	266	476486	107.812	ng		99
71) Phenanthrene	11.374	178	1682118	53.668	ng		100
72) Anthracene	11.421	178	1728111	56.268	ng		99
73) Carbazole	11.574	167	1467349	49.700	ng		99
74) Di-n-butylphthalate	11.910	149	1863485	55.493	ng		100
75) Fluoranthene	12.557	202	1819877	53.536	ng		99
77) Benzidine	12.680	184	745504	72.555	ng		100
78) Pyrene	12.786	202	1871821	44.021	ng		100
80) Butylbenzylphthalate	13.410	149	757573	48.792	ng		99
81) Benzo(a)anthracene	13.980	228	1775748	52.406	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	509004	49.998	ng		99
83) Chrysene	14.015	228	1614233	52.847	ng		100
84) Bis(2-ethylhexyl)phtha...	13.974	149	983293	48.823	ng		99
85) Di-n-octyl phthalate	14.592	149	1843066	63.228	ng		98
87) Indeno(1,2,3-cd)pyrene	16.898	276	1221342	47.599	ng		97
88) Benzo(b)fluoranthene	15.021	252	1674460	58.950	ng		99
89) Benzo(k)fluoranthene	15.051	252	1351994	60.729	ng		99
90) Benzo(a)pyrene	15.386	252	1314307	59.614	ng		99
91) Dibenzo(a,h)anthracene	16.921	278	983355	47.278	ng		98
92) Benzo(g,h,i)perylene	17.339	276	907783	42.080	ng		98

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

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