Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141663.D
Acq On : 18 Feb 2025 16:01
Operator : RC/JU
Sample : Q1373-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VB27161MSD

Quant Time: Feb 18 16:45:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	79851	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	310445	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	163274	20.000	ng		-0.02
64) Phenanthrene-d10	11.304	188	253273	20.000	ng		-0.01
76) Chrysene-d12	13.939	240	150207	20.000	ng		-0.02
86) Perylene-d12	15.380	264	173912	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	680202	133.546	ng		0.01
7) Phenol-d6	6.434	99	783889	121.767	ng		0.00
23) Nitrobenzene-d5	7.351	82	577038	96.949	ng		-0.01
42) 2,4,6-Tribromophenol	10.610	330	225123	137.257	ng		-0.02
45) 2-Fluorobiphenyl	9.139	172	1057081	99.746	ng		-0.01
79) Terphenyl-d14	12.886	244	835945	93.952	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	86350	42.123	ng	#	80
3) Pyridine	3.387	79	165250	33.876	ng		95
4) n-Nitrosodimethylamine	3.328	42	253306	78.421	ng	#	71
6) Aniline	6.451	93	66995	11.094	ng	#	1
8) 2-Chlorophenol	6.575	128	239683	43.550	ng		99
9) Benzaldehyde	6.334	77	56984	16.657	ng		94
10) Phenol	6.445	94	272126	40.614	ng		81
11) bis(2-Chloroethyl)ether	6.522	93	232279	46.154	ng		98
12) 1,3-Dichlorobenzene	6.722	146	237331	40.847	ng		98
13) 1,4-Dichlorobenzene	6.798	146	242194	40.798	ng		99
14) 1,2-Dichlorobenzene	6.951	146	231699	42.053	ng		98
15) Benzyl Alcohol	6.934	79	368233	74.591	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	348981	40.509	ng		62
17) 2-Methylphenol	7.051	107	190656	44.268	ng		94
18) Hexachloroethane	7.292	117	90424	41.158	ng		97
19) n-Nitroso-di-n-propyla...	7.198	70	167553	43.512	ng		98
20) 3+4-Methylphenols	7.210	107	870235	158.993	ng	#	57
22) Acetophenone	7.192	105	393661	50.976	ng	#	96
24) Nitrobenzene	7.369	77	250539	43.167	ng		99
25) Isophorone	7.610	82	449116	47.324	ng		98
26) 2-Nitrophenol	7.681	139	127440	44.134	ng		97
27) 2,4-Dimethylphenol	7.728	122	215268	63.815	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	270261	44.442	ng		99
29) 2,4-Dichlorophenol	7.939	162	205159	45.013	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	210070	42.325	ng		99
31) Naphthalene	8.087	128	684570	42.362	ng		100
32) Benzoic acid	7.887	122	247019	70.499	ng		99
33) 4-Chloroaniline	8.157	127	37379	6.625	ng		98
34) Hexachlorobutadiene	8.198	225	126105	42.322	ng		99
35) Caprolactam	8.545	113	59296	42.729	ng		99
36) 4-Chloro-3-methylphenol	8.634	107	225013	44.568	ng		99
37) 2-Methylnaphthalene	8.775	142	441553	41.990	ng		99
38) 1-Methylnaphthalene	8.875	142	429936	42.214	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	239068	50.610	ng		99
41) Hexachlorocyclopentadiene	8.928	237	227235	144.630	ng		98
43) 2,4,6-Trichlorophenol	9.063	196	141067	46.206	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	151636	45.829	ng	98
46) 1,1'-Biphenyl	9.239	154	635203	50.181	ng	100
47) 2-Chloronaphthalene	9.263	162	428973	45.828	ng	100
48) 2-Nitroaniline	9.369	65	137900	43.898	ng	95
49) Acenaphthylene	9.681	152	662360	47.574	ng	100
50) Dimethylphthalate	9.545	163	504693	45.532	ng	99
51) 2,6-Dinitrotoluene	9.610	165	110822	45.736	ng	96
52) Acenaphthene	9.851	154	417419	44.596	ng	100
53) 3-Nitroaniline	9.781	138	45578	17.476	ng	99
54) 2,4-Dinitrophenol	9.892	184	142515	98.961	ng	93
55) Dibenzofuran	10.022	168	599167	43.611	ng	100
56) 4-Nitrophenol	9.963	139	150200	77.583	ng	95
57) 2,4-Dinitrotoluene	10.016	165	147945	45.864	ng	97
58) Fluorene	10.369	166	470901	44.329	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	125681	44.120	ng	97
60) Diethylphthalate	10.239	149	473954	43.460	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	228108	44.635	ng	99
62) 4-Nitroaniline	10.392	138	96113	36.294	ng	99
63) Azobenzene	10.516	77	450776	41.578	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	83328	47.362	ng	95
66) n-Nitrosodiphenylamine	10.480	169	397588	49.039	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	138026	48.761	ng	97
68) Hexachlorobenzene	10.916	284	144835	49.689	ng	98
69) Atrazine	11.010	200	121045	49.766	ng	98
70) Pentachlorophenol	11.116	266	163658	87.809	ng	100
71) Phenanthrene	11.328	178	647015	46.409	ng	100
72) Anthracene	11.380	178	662113	47.244	ng	100
73) Carbazole	11.539	167	530450	42.065	ng	99
74) Di-n-butylphthalate	11.863	149	633723	43.523	ng	100
75) Fluoranthene	12.516	202	560208	37.901	ng	99
77) Benzidine	12.651	184	15196	4.587	ng	97
78) Pyrene	12.745	202	556039	43.486	ng	99
80) Butylbenzylphthalate	13.357	149	193173	43.616	ng	100
81) Benzo(a)anthracene	13.927	228	452355	45.304	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	83236	29.102	ng	99
83) Chrysene	13.969	228	440342	47.762	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	237009	47.448	ng	99
85) Di-n-octyl phthalate	14.527	149	418151	58.680	ng	100
87) Indeno(1,2,3-cd)pyrene	16.815	276	470038	43.741	ng	100
88) Benzo(b)fluoranthene	14.968	252	502501	43.032	ng	99
89) Benzo(k)fluoranthene	14.992	252	449064	45.035	ng	99
90) Benzo(a)pyrene	15.321	252	461095	48.799	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	384504	44.159	ng	99
92) Benzo(g,h,i)perylene	17.245	276	333758	36.629	ng	100

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

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