Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141746.D
Acq On : 24 Feb 2025 16:08
Operator : RC/JU
Sample : Q1395-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BEL-25-0005MS

Quant Time: Feb 24 16:28:55 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	84404	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	329558	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	175059	20.000	ng		-0.02
64) Phenanthrene-d10	11.298	188	272896	20.000	ng		-0.02
76) Chrysene-d12	13.939	240	180517	20.000	ng		-0.02
86) Perylene-d12	15.386	264	199683	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	745348	138.443	ng		0.01
7) Phenol-d6	6.434	99	840264	123.484	ng		0.00
23) Nitrobenzene-d5	7.351	82	625089	98.931	ng		-0.01
42) 2,4,6-Tribromophenol	10.610	330	252391	143.522	ng		-0.02
45) 2-Fluorobiphenyl	9.139	172	1160344	102.118	ng		-0.01
79) Terphenyl-d14	12.886	244	1055273	98.688	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	99088	45.729	ng	#	79
3) Pyridine	3.404	79	208081	40.355	ng		96
4) n-Nitrosodimethylamine	3.310	42	138763	40.643	ng		89
6) Aniline	6.451	93	37411	5.861	ng	#	1
8) 2-Chlorophenol	6.575	128	264237	45.422	ng		99
9) Benzaldehyde	6.334	77	69353	19.179	ng		98
10) Phenol	6.451	94	891913	125.935	ng	#	73
11) bis(2-Chloroethyl)ether	6.522	93	245495	46.149	ng		98
12) 1,3-Dichlorobenzene	6.722	146	276164	44.966	ng		97
13) 1,4-Dichlorobenzene	6.798	146	282925	45.088	ng		98
14) 1,2-Dichlorobenzene	6.951	146	264161	45.359	ng		99
15) Benzyl Alcohol	6.939	79	233624	44.771	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	373613	41.029	ng		52
17) 2-Methylphenol	7.051	107	202590	44.501	ng		94
18) Hexachloroethane	7.292	117	105043	45.233	ng		97
19) n-Nitroso-di-n-propyla...	7.198	70	187696	46.114	ng		97
20) 3+4-Methylphenols	7.210	107	271092	46.857	ng	#	66
22) Acetophenone	7.192	105	415566	50.692	ng	#	90
24) Nitrobenzene	7.369	77	275717	44.750	ng		97
25) Isophorone	7.610	82	469524	46.605	ng		99
26) 2-Nitrophenol	7.686	139	142332	46.433	ng		94
27) 2,4-Dimethylphenol	7.728	122	216864	60.560	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	301374	46.684	ng		99
29) 2,4-Dichlorophenol	7.934	162	219858	45.440	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	238322	45.232	ng		99
31) Naphthalene	8.086	128	777167	45.303	ng		99
32) Benzoic acid	7.945	122	409328	110.046	ng		99
33) 4-Chloroaniline	8.145	127	38430m	6.416	ng		
34) Hexachlorobutadiene	8.198	225	146817	46.416	ng		100
35) Caprolactam	8.539	113	82112	55.739	ng		96
36) 4-Chloro-3-methylphenol	8.639	107	237564	44.325	ng		100
37) 2-Methylnaphthalene	8.775	142	486261	43.559	ng		99
38) 1-Methylnaphthalene	8.875	142	478358	44.244	ng		99
40) 1,2,4,5-Tetrachloroben...	8.939	216	268043	52.924	ng		98
43) 2,4,6-Trichlorophenol	9.063	196	157196	48.023	ng		100
44) 2,4,5-Trichlorophenol	9.116	196	163161	45.992	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.239	154	707036	52.095	ng	100
47) 2-Chloronaphthalene	9.263	162	481592	47.986	ng	99
48) 2-Nitroaniline	9.369	65	147615	43.827	ng	95
49) Acenaphthylene	9.680	152	713544	47.800	ng	100
50) Dimethylphthalate	9.539	163	572250	48.152	ng	99
51) 2,6-Dinitrotoluene	9.610	165	122485	47.146	ng	95
52) Acenaphthene	9.851	154	452824	45.122	ng	99
53) 3-Nitroaniline	9.780	138	204800m	73.242	ng	
54) 2,4-Dinitrophenol	9.898	184	141465	91.619	ng	91
55) Dibenzofuran	10.022	168	653051	44.333	ng	98
56) 4-Nitrophenol	9.980	139	114930	55.369	ng	97
57) 2,4-Dinitrotoluene	10.016	165	160767	46.484	ng	94
58) Fluorene	10.363	166	523417	45.956	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	139525	45.682	ng	95
60) Diethylphthalate	10.239	149	526897	45.062	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	258111	47.106	ng	97
62) 4-Nitroaniline	10.392	138	115683	40.743	ng	98
63) Azobenzene	10.516	77	507729	43.679	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	89693	47.314	ng	96
66) n-Nitrosodiphenylamine	10.475	169	452392	51.787	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	156385	51.274	ng	99
68) Hexachlorobenzene	10.910	284	160711	51.171	ng	97
69) Atrazine	11.004	200	106584	40.670	ng	99
70) Pentachlorophenol	11.116	266	181662	90.461	ng	100
71) Phenanthrene	11.327	178	733018	48.797	ng	99
72) Anthracene	11.380	178	752840	49.855	ng	99
73) Carbazole	11.539	167	610172	44.908	ng	100
74) Di-n-butylphthalate	11.863	149	741557	47.267	ng	100
75) Fluoranthene	12.516	202	671646	42.173	ng	99
77) Benzidine	12.645	184	71350m	17.922	ng	
78) Pyrene	12.739	202	663195	43.157	ng	100
80) Butylbenzylphthalate	13.357	149	254737	47.859	ng	99
81) Benzo(a)anthracene	13.933	228	590042	49.172	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	104898	30.517	ng	99
83) Chrysene	13.968	228	521649	47.081	ng	100
84) Bis(2-ethylhexyl)phtha...	13.915	149	332296	55.354	ng	99
85) Di-n-octyl phthalate	14.527	149	587280	68.576	ng	100
87) Indeno(1,2,3-cd)pyrene	16.827	276	627910	50.891	ng	99
88) Benzo(b)fluoranthene	14.968	252	544980	40.647	ng	99
89) Benzo(k)fluoranthene	14.998	252	567251	49.546	ng	99
90) Benzo(a)pyrene	15.327	252	539784	49.754	ng	99
91) Dibenzo(a,h)anthracene	16.833	278	511681	51.181	ng	99
92) Benzo(g,h,i)perylene	17.251	276	469917	44.917	ng	99

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

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