Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140931.D
Acq On : 19 Dec 2024 17:23
Operator : RC/JU
Sample : P5343-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

Quant Time: Dec 20 00:08:29 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 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.846	152	52636	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	206485	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	112703	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	169814	20.000	ng		0.00
76) Chrysene-d12	14.033	240	117074	20.000	ng		0.00
86) Perylene-d12	15.539	264	131273	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	342798	107.210	ng		0.01
7) Phenol-d6	6.504	99	449237	106.076	ng		0.00
23) Nitrobenzene-d5	7.416	82	297018	71.967	ng		0.00
42) 2,4,6-Tribromophenol	10.681	330	125518	94.165	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	594424	72.513	ng		0.00
79) Terphenyl-d14	12.957	244	410776	55.327	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	61184	44.425	ng		99
3) Pyridine	3.452	79	143627	45.031	ng		99
4) n-Nitrosodimethylamine	3.405	42	73694	45.832	ng		94
6) Aniline	6.516	93	108089	29.850	ng	#	52
8) 2-Chlorophenol	6.646	128	186560	53.504	ng		99
9) Benzaldehyde	6.410	77	35375	15.075	ng		96
10) Phenol	6.516	94	233510	53.199	ng		90
11) bis(2-Chloroethyl)ether	6.581	93	172932	52.830	ng		98
12) 1,3-Dichlorobenzene	6.787	146	204317	51.424	ng		98
13) 1,4-Dichlorobenzene	6.863	146	207964	51.565	ng		99
14) 1,2-Dichlorobenzene	7.016	146	197348	51.863	ng		99
15) Benzyl Alcohol	6.998	79	167260	55.236	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	214102	55.523	ng		93
17) 2-Methylphenol	7.122	107	144894	52.049	ng		99
18) Hexachloroethane	7.351	117	76465	50.929	ng		98
19) n-Nitroso-di-n-propyla...	7.263	70	134085	52.781	ng		98
20) 3+4-Methylphenols	7.275	107	198358	53.735	ng	#	74
22) Acetophenone	7.263	105	262273	50.776	ng		94
24) Nitrobenzene	7.434	77	201777	47.723	ng		98
25) Isophorone	7.675	82	362794	52.463	ng		100
26) 2-Nitrophenol	7.751	139	103926	53.369	ng		95
27) 2,4-Dimethylphenol	7.793	122	142386	62.610	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	224298	51.932	ng		99
29) 2,4-Dichlorophenol	8.004	162	159598	50.832	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	176916	49.154	ng		100
31) Naphthalene	8.151	128	581564	51.273	ng		100
32) Benzoic acid	7.940	122	86089	39.915	ng		99
33) 4-Chloroaniline	8.210	127	67460	17.908	ng		97
34) Hexachlorobutadiene	8.257	225	118173	48.800	ng		98
35) Caprolactam	8.587	113	49226	52.664	ng		98
36) 4-Chloro-3-methylphenol	8.704	107	177248	50.158	ng		99
37) 2-Methylnaphthalene	8.839	142	390588	52.057	ng		100
38) 1-Methylnaphthalene	8.939	142	367534	49.530	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	194237	56.072	ng		99
41) Hexachlorocyclopentadiene	8.987	237	59806	58.889	ng		99
43) 2,4,6-Trichlorophenol	9.134	196	112438	53.008	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	118991	51.038	ng	97
46) 1,1'-Biphenyl	9.304	154	495934	55.338	ng	99
47) 2-Chloronaphthalene	9.334	162	363218	52.978	ng	99
48) 2-Nitroaniline	9.439	65	110419	53.327	ng	96
49) Acenaphthylene	9.745	152	578109	57.378	ng	100
50) Dimethylphthalate	9.604	163	428698	53.953	ng	100
51) 2,6-Dinitrotoluene	9.681	165	89829	49.452	ng	90
52) Acenaphthene	9.916	154	346015	53.763	ng	100
53) 3-Nitroaniline	9.851	138	52441	29.091	ng	100
54) 2,4-Dinitrophenol	9.975	184	75123	84.371	ng	92
55) Dibenzofuran	10.092	168	518911	52.032	ng	99
56) 4-Nitrophenol	10.045	139	54865	57.882	ng	96
57) 2,4-Dinitrotoluene	10.086	165	115996	48.534	ng	99
58) Fluorene	10.434	166	408611	49.664	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	95274	50.151	ng	95
60) Diethylphthalate	10.304	149	416192	50.512	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	204606	49.507	ng	98
62) 4-Nitroaniline	10.469	138	78808m	41.835	ng	
63) Azobenzene	10.586	77	416720	53.797	ng	92
65) 4,6-Dinitro-2-methylph...	10.504	198	56685	58.908	ng	97
66) n-Nitrosodiphenylamine	10.545	169	341368	65.383	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	116661	61.408	ng	99
68) Hexachlorobenzene	10.986	284	122973	57.093	ng	99
69) Atrazine	11.069	200	102400	70.225	ng	99
70) Pentachlorophenol	11.192	266	62482	79.343	ng	99
71) Phenanthrene	11.398	178	559519	64.073	ng	99
72) Anthracene	11.451	178	512685	59.616	ng	100
73) Carbazole	11.610	167	421443	50.032	ng	100
74) Di-n-butylphthalate	11.928	149	535446	54.163	ng	99
75) Fluoranthene	12.592	202	585077	58.176	ng	100
77) Benzidine	12.716	184	109164	45.686	ng	100
78) Pyrene	12.822	202	615259	59.098	ng	100
80) Butylbenzylphthalate	13.427	149	176341	46.034	ng	99
81) Benzo(a)anthracene	14.022	228	500793	60.355	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	77809	31.082	ng	97
83) Chrysene	14.063	228	424018	56.198	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	252938	51.208	ng	100
85) Di-n-octyl phthalate	14.627	149	486633	65.121	ng	98
87) Indeno(1,2,3-cd)pyrene	17.057	276	403156	49.214	ng	99
88) Benzo(b)fluoranthene	15.110	252	548225	60.163	ng	100
89) Benzo(k)fluoranthene	15.133	252	452491	57.889	ng	99
90) Benzo(a)pyrene	15.480	252	461717	64.709	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	317235	46.744	ng	99
92) Benzo(g,h,i)perylene	17.515	276	299543	43.367	ng	99

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

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