Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139116.D
Acq On : 22 Aug 2024 11:53
Operator : RC/JU
Sample : PB162687BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB162687BSD

Quant Time: Aug 22 12:42:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 21 01:25:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	98594	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	365831	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	213614	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	389288	20.000	ng	0.00
76) Chrysene-d12	14.062	240	242651	20.000	ng	0.00
86) Perylene-d12	15.533	264	204282	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	831786	129.797	ng	0.02
7) Phenol-d6	6.528	99	1082504	130.730	ng	0.00
23) Nitrobenzene-d5	7.463	82	714781	113.851	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	319126	165.024	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1231363	91.459	ng	0.00
79) Terphenyl-d14	13.010	244	1545396	105.677	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	100483	36.558	ng	98
3) Pyridine	3.534	79	282409	40.433	ng	100
4) n-Nitrosodimethylamine	3.493	42	183580	43.509	ng	100
6) Aniline	6.563	93	352577	47.166	ng	99
8) 2-Chlorophenol	6.681	128	294505	47.780	ng	97
9) Benzaldehyde	6.451	77	220292	45.361	ng	100
10) Phenol	6.539	94	406662	47.200	ng	96
11) bis(2-Chloroethyl)ether	6.634	93	297975	43.006	ng	99
12) 1,3-Dichlorobenzene	6.839	146	325733	43.953	ng	100
13) 1,4-Dichlorobenzene	6.916	146	328153	44.287	ng	99
14) 1,2-Dichlorobenzene	7.069	146	315262	46.554	ng	99
15) Benzyl Alcohol	7.039	79	317265	48.478	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	451104	46.219	ng	99
17) 2-Methylphenol	7.145	107	248031	47.036	ng	97
18) Hexachloroethane	7.410	117	118522	45.615	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	245572	45.160	ng	98
20) 3+4-Methylphenols	7.298	107	317662	46.495	ng	97
22) Acetophenone	7.310	105	435271	46.599	ng	97
24) Nitrobenzene	7.481	77	364723	52.264	ng	100
25) Isophorone	7.722	82	648250	48.579	ng	99
26) 2-Nitrophenol	7.798	139	142263	57.242	ng	98
27) 2,4-Dimethylphenol	7.833	122	239009	56.483	ng	99
28) bis(2-Chloroethoxy)met...	7.933	93	357324	45.828	ng	99
29) 2,4-Dichlorophenol	8.033	162	254389	48.256	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	268535	43.503	ng	99
31) Naphthalene	8.204	128	848193	45.753	ng	100
32) Benzoic acid	7.951	122	179295	50.380	ng	98
33) 4-Chloroaniline	8.245	127	123695	19.483	ng	99
34) Hexachlorobutadiene	8.322	225	180247	44.700	ng	99
35) Caprolactam	8.622	113	83684m	50.070	ng	
36) 4-Chloro-3-methylphenol	8.728	107	286601	49.101	ng	100
37) 2-Methylnaphthalene	8.892	142	562078	47.269	ng	100
38) 1-Methylnaphthalene	8.992	142	518293	45.162	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	277079	47.648	ng	98
41) Hexachlorocyclopentadiene	9.045	237	384938	171.260	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	195540	49.546	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	198415	48.979	ng		100
46) 1,1'-Biphenyl	9.357	154	696322	47.586	ng		100
47) 2-Chloronaphthalene	9.380	162	536971	45.162	ng		99
48) 2-Nitroaniline	9.475	65	194753	56.072	ng		99
49) Acenaphthylene	9.798	152	864839	50.777	ng		100
50) Dimethylphthalate	9.663	163	664451	50.384	ng		99
51) 2,6-Dinitrotoluene	9.722	165	142379	53.277	ng		96
52) Acenaphthene	9.975	154	613312	54.513	ng		98
53) 3-Nitroaniline	9.886	138	91531	35.398	ng	#	97
54) 2,4-Dinitrophenol	9.992	184	149588	107.436	ng	#	53
55) Dibenzofuran	10.145	168	789610	48.319	ng		99
56) 4-Nitrophenol	10.045	139	243217	122.011	ng		99
57) 2,4-Dinitrotoluene	10.122	165	198813	58.571	ng		98
58) Fluorene	10.486	166	618565	47.364	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	178668	54.930	ng		99
60) Diethylphthalate	10.363	149	657819	50.343	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	309045	47.381	ng		99
62) 4-Nitroaniline	10.504	138	142902	52.423	ng		99
63) Azobenzene	10.639	77	705585	48.591	ng		98
65) 4,6-Dinitro-2-methylph...	10.527	198	97927	63.065	ng		98
66) n-Nitrosodiphenylamine	10.598	169	547650	47.544	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	198419	48.101	ng		97
68) Hexachlorobenzene	11.027	284	208797	47.181	ng		98
69) Atrazine	11.127	200	199004	56.569	ng		100
70) Pentachlorophenol	11.221	266	282024	99.765	ng		99
71) Phenanthrene	11.451	178	945398	47.779	ng		100
72) Anthracene	11.498	178	959275	49.573	ng		100
73) Carbazole	11.651	167	842139	46.606	ng		99
74) Di-n-butylphthalate	11.986	149	1022711	48.812	ng		100
75) Fluoranthene	12.633	202	979592	46.384	ng		100
77) Benzidine	12.757	184	379731	75.760	ng		99
78) Pyrene	12.863	202	999478	49.358	ng		100
80) Butylbenzylphthalate	13.486	149	383145	54.691	ng		98
81) Benzo(a)anthracene	14.051	228	781103	48.969	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	146719	32.907	ng		98
83) Chrysene	14.086	228	728930	50.417	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	508659	54.769	ng		100
85) Di-n-octyl phthalate	14.662	149	732449	56.191	ng		99
87) Indeno(1,2,3-cd)pyrene	17.027	276	642904	53.774	ng		99
88) Benzo(b)fluoranthene	15.104	252	647901	48.649	ng		99
89) Benzo(k)fluoranthene	15.133	252	542228	48.884	ng		100
90) Benzo(a)pyrene	15.474	252	547775	52.053	ng		100
91) Dibenzo(a,h)anthracene	17.045	278	524128	53.405	ng		99
92) Benzo(g,h,i)perylene	17.474	276	472711	42.498	ng		99

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

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