

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
 Data File : BF136969.D
 Acq On : 05 Jan 2024 11:18
 Operator : CG\JU
 Sample : PB158239BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB158239BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/06/2024

Supervised By :mohammad ahmed 01/06/2024

Quant Time: Jan 05 11:36:47 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Dec 21 01:54:25 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	85605	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	324431	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	165393	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	306130	20.000	ng	0.00
76) Chrysene-d12	13.974	240	154096	20.000	ng	0.00
86) Perylene-d12	15.457	264	150394	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	593060	108.094	ng	0.02
7) Phenol-d6	6.445	99	738927	103.940	ng	0.00
23) Nitrobenzene-d5	7.351	82	462765	72.990	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	214493	110.117	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	917274	74.593	ng	0.00
79) Terphenyl-d14	12.910	244	899323	81.558	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	74651	32.656	ng	97
3) Pyridine	3.410	79	177568	31.836	ng	97
4) n-Nitrosodimethylamine	3.381	42	102697	34.479	ng	97
6) Aniline	6.457	93	231279	32.539	ng	# 12
8) 2-Chlorophenol	6.581	128	229068	38.152	ng	94
9) Benzaldehyde	6.340	77	95539	23.627	ng	94
10) Phenol	6.457	94	269551	35.518	ng	93
11) bis(2-Chloroethyl)ether	6.528	93	213587	37.008	ng	97
12) 1,3-Dichlorobenzene	6.728	146	236637	36.129	ng	97
13) 1,4-Dichlorobenzene	6.804	146	236640	35.360	ng	97
14) 1,2-Dichlorobenzene	6.951	146	228157	36.638	ng	98
15) Benzyl Alcohol	6.940	79	178886	37.298	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	340556	36.092	ng	79
17) 2-Methylphenol	7.051	107	184556	37.105	ng	95
18) Hexachloroethane	7.287	117	85950	35.363	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	157034	36.439	ng	97
20) 3+4-Methylphenols	7.204	107	231003	37.174	ng	# 74
22) Acetophenone	7.198	105	320041	39.357	ng	# 90
24) Nitrobenzene	7.369	77	228632	35.999	ng	97
25) Isophorone	7.610	82	434992	37.706	ng	99
26) 2-Nitrophenol	7.687	139	121970	40.139	ng	97
27) 2,4-Dimethylphenol	7.728	122	202366	54.702	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	267825	38.193	ng	98
29) 2,4-Dichlorophenol	7.934	162	185435	38.935	ng	95
30) 1,2,4-Trichlorobenzene	8.004	180	198384	37.385	ng	97
31) Naphthalene	8.086	128	663804	37.243	ng	99
32) Benzoic acid	7.881	122	136931	38.255	ng	98
33) 4-Chloroaniline	8.139	127	141128	21.446	ng	96
34) Hexachlorobutadiene	8.198	225	117225	36.360	ng	98
35) Caprolactam	8.522	113	58553m	37.267	ng	
36) 4-Chloro-3-methylphenol	8.639	107	202982	37.858	ng	98
37) 2-Methylnaphthalene	8.781	142	434082	37.843	ng	98
38) 1-Methylnaphthalene	8.875	142	400879	35.622	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	208533	40.712	ng	100
41) Hexachlorocyclopentadiene	8.928	237	134680	82.315	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	129905	39.546	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	139509	38.111	ng	99
46) 1,1'-Biphenyl	9.245	154	551201	39.715	ng	98
47) 2-Chloronaphthalene	9.269	162	406080	38.487	ng	99
48) 2-Nitroaniline	9.375	65	124754	37.758	ng	95
49) Acenaphthylene	9.686	152	637957	39.558	ng	99
50) Dimethylphthalate	9.551	163	473833	39.222	ng	100
51) 2,6-Dinitrotoluene	9.616	165	102849	37.512	ng	# 87
52) Acenaphthene	9.857	154	383176	38.330	ng	99
53) 3-Nitroaniline	9.786	138	82212	28.306	ng	99
54) 2,4-Dinitrophenol	9.904	184	92403	61.706	ng	# 87
55) Dibenzofuran	10.033	168	576316	38.031	ng	97
56) 4-Nitrophenol	9.975	139	114250	58.273	ng	98
57) 2,4-Dinitrotoluene	10.028	165	125096	35.146	ng	# 87
58) Fluorene	10.375	166	466569	38.803	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.157	232	117017	41.527	ng	95
60) Diethylphthalate	10.251	149	479455	38.251	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	223721	38.279	ng	99
62) 4-Nitroaniline	10.410	138	99022	35.367	ng	92
63) Azobenzene	10.528	77	438441	37.450	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	68019	38.770	ng	99
66) n-Nitrosodiphenylamine	10.492	169	407674	40.995	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	137814	40.536	ng	97
68) Hexachlorobenzene	10.922	284	151555	40.001	ng	95
69) Atrazine	11.027	200	181857	71.499	ng	99
70) Pentachlorophenol	11.127	266	127985	72.472	ng	97
71) Phenanthrene	11.345	178	639308	40.700	ng	100
72) Anthracene	11.392	178	650999	40.923	ng	99
73) Carbazole	11.557	167	574466	38.303	ng	100
74) Di-n-butylphthalate	11.880	149	737994	40.325	ng	99
75) Fluoranthene	12.539	202	628083	37.382	ng	100
77) Benzidine	12.663	184	127880	28.145	ng	99
78) Pyrene	12.769	202	616887	40.780	ng	99
80) Butylbenzylphthalate	13.386	149	236065	42.887	ng	97
81) Benzo(a)anthracene	13.963	228	436007	40.747	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	125264	41.222	ng	99
83) Chrysene	14.004	228	411019	39.280	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	319240	46.097	ng	# 97
85) Di-n-octyl phthalate	14.563	149	498494	46.533	ng	98
87) Indeno(1,2,3-cd)pyrene	16.986	276	488951	45.029	ng	99
88) Benzo(b)fluoranthene	15.027	252	412264	41.042	ng	99
89) Benzo(k)fluoranthene	15.057	252	386644	40.736	ng	99
90) Benzo(a)pyrene	15.398	252	353646	41.708	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	406350	45.614	ng	98
92) Benzo(g,h,i)perylene	17.451	276	407729	44.687	ng	99

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

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