

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139143.D
 Acq On : 23 Aug 2024 13:14
 Operator : RC/JU
 Sample : P3669-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20430MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 23 13:41:38 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	83522	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	300912	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	168641	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	254345	20.000	ng	0.00
76) Chrysene-d12	14.063	240	138165	20.000	ng	0.00
86) Perylene-d12	15.539	264	177253	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	709862	130.760	ng	0.02
7) Phenol-d6	6.528	99	911467	129.938	ng	0.00
23) Nitrobenzene-d5	7.463	82	661454	128.087	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	250003	163.756	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1107572	104.203	ng	0.00
79) Terphenyl-d14	13.010	244	851950	102.315	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.858	88	93459	40.138	ng	# 80
3) Pyridine	3.563	79	217745	36.800	ng	99
4) n-Nitrosodimethylamine	3.505	42	154964	43.354	ng	99
6) Aniline	6.563	93	176706	27.905	ng	98
8) 2-Chlorophenol	6.687	128	267238	51.180	ng	96
9) Benzaldehyde	6.451	77	77121	18.746	ng	98
10) Phenol	6.546	94	333641	45.713	ng	99
11) bis(2-Chloroethyl)ether	6.640	93	276134	47.045	ng	97
12) 1,3-Dichlorobenzene	6.840	146	285129	45.417	ng	99
13) 1,4-Dichlorobenzene	6.916	146	289729	46.158	ng	99
14) 1,2-Dichlorobenzene	7.069	146	277023	48.289	ng	100
15) Benzyl Alcohol	7.040	79	286401	51.659	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	400966	48.495	ng	98
17) 2-Methylphenol	7.151	107	224870	50.340	ng	99
18) Hexachloroethane	7.410	117	104628	47.535	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	221528	48.090	ng	98
20) 3+4-Methylphenols	7.304	107	290456	50.185	ng	# 88
22) Acetophenone	7.310	105	393848	51.261	ng	96
24) Nitrobenzene	7.481	77	332999	58.013	ng	99
25) Isophorone	7.722	82	587570	53.531	ng	98
26) 2-Nitrophenol	7.798	139	131491	63.630	ng	97
27) 2,4-Dimethylphenol	7.834	122	221101	63.524	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	330993	51.610	ng	100
29) 2,4-Dichlorophenol	8.034	162	235660	54.347	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	243948	48.046	ng	99
31) Naphthalene	8.204	128	770129	50.505	ng	100
32) Benzoic acid	7.940	122	135956	47.096	ng	97
33) 4-Chloroaniline	8.245	127	69523	13.313	ng	99
34) Hexachlorobutadiene	8.322	225	163260	49.223	ng	99
35) Caprolactam	8.616	113	52936m	38.506	ng	
36) 4-Chloro-3-methylphenol	8.728	107	256169	53.355	ng	99
37) 2-Methylnaphthalene	8.892	142	509271	52.068	ng	99
38) 1-Methylnaphthalene	8.992	142	470410	49.833	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	254155	55.854	ng	98
41) Hexachlorocyclopentadiene	9.045	237	342601	193.073	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	171666	55.097	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	176653	55.236	ng	99
46) 1,1'-Biphenyl	9.357	154	629127	54.459	ng	100
47) 2-Chloronaphthalene	9.386	162	489781	52.179	ng	100
48) 2-Nitroaniline	9.475	65	164413	59.568	ng	98
49) Acenaphthylene	9.798	152	761709	56.648	ng	100
50) Dimethylphthalate	9.663	163	573877	55.121	ng	100
51) 2,6-Dinitrotoluene	9.722	165	121712	57.315	ng	92
52) Acenaphthene	9.969	154	537049	60.464	ng	100
53) 3-Nitroaniline	9.886	138	68006	33.560	ng	# 97
54) 2,4-Dinitrophenol	9.992	184	118727	107.784	ng	# 51
55) Dibenzofuran	10.145	168	688933	53.401	ng	99
56) 4-Nitrophenol	10.039	139	148748	94.519	ng	97
57) 2,4-Dinitrotoluene	10.122	165	156037	58.260	ng	95
58) Fluorene	10.486	166	530922	51.495	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	146867	57.195	ng	99
60) Diethylphthalate	10.363	149	538496	52.201	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	269470	52.331	ng	98
62) 4-Nitroaniline	10.498	138	96665	45.449	ng	97
63) Azobenzene	10.639	77	596311	52.017	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	74785	70.534	ng	91
66) n-Nitrosodiphenylamine	10.598	169	451514	59.995	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	163828	60.787	ng	99
68) Hexachlorobenzene	11.028	284	168120	58.145	ng	98
69) Atrazine	11.122	200	126935	55.226	ng	100
70) Pentachlorophenol	11.222	266	198781	107.625	ng	99
71) Phenanthrene	11.445	178	706909	54.681	ng	99
72) Anthracene	11.498	178	716503	56.672	ng	99
73) Carbazole	11.651	167	537830	45.556	ng	100
74) Di-n-butylphthalate	11.986	149	667298	48.746	ng	99
75) Fluoranthene	12.633	202	577369	41.844	ng	100
77) Benzidine	12.757	184	94283	33.036	ng	98
78) Pyrene	12.863	202	564024	48.918	ng	100
80) Butylbenzylphthalate	13.486	149	202578	50.784	ng	98
81) Benzo(a)anthracene	14.051	228	493322	54.316	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	125623	49.483	ng	100
83) Chrysene	14.086	228	464155	56.382	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	270683	51.186	ng	99
85) Di-n-octyl phthalate	14.663	149	518337	69.836	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	622297	59.987	ng	99
88) Benzo(b)fluoranthene	15.110	252	561248	48.569	ng	99
89) Benzo(k)fluoranthene	15.139	252	521006	54.133	ng	100
90) Benzo(a)pyrene	15.480	252	532620	58.331	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	507718	59.621	ng	100
92) Benzo(g,h,i)perylene	17.486	276	449590	46.315	ng	98

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

