

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137237.D
 Acq On : 01 Feb 2024 17:53
 Operator : CG\JU
 Sample : P1307-15MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-614-COMP-03MSD

Quant Time: Feb 02 01:14:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay

02/02/2024
 Supervised By :Sohil
 Jodhani

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	62905	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	244627	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	136609	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	234493	20.000	ng	0.00
76) Chrysene-d12	13.974	240	149302	20.000	ng	0.00
86) Perylene-d12	15.451	264	164541	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	401441	105.303	ng	0.02
7) Phenol-d6	6.434	99	554824	101.981	ng	0.00
23) Nitrobenzene-d5	7.357	82	375802	68.779	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	149549	96.934	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	633922	63.790	ng	0.00
79) Terphenyl-d14	12.916	244	574126	52.276	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	71834	35.216	ng	97
3) Pyridine	3.387	79	166457	40.793	ng	97
4) n-Nitrosodimethylamine	3.351	42	92023	44.739	ng	98
6) Aniline	6.457	93	139380	23.932	ng	93
8) 2-Chlorophenol	6.575	128	195255	45.807	ng	98
9) Benzaldehyde	6.345	77	74750	36.078	ng	96
10) Phenol	6.445	94	259182	42.680	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	181656	44.761	ng	98
12) 1,3-Dichlorobenzene	6.734	146	213864	42.793	ng	97
13) 1,4-Dichlorobenzene	6.810	146	213753	41.356	ng	97
14) 1,2-Dichlorobenzene	6.957	146	206862	42.806	ng	98
15) Benzyl Alcohol	6.934	79	196301	50.788	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	288500	39.463	ng	99
17) 2-Methylphenol	7.045	107	163594	45.939	ng	98
18) Hexachloroethane	7.298	117	78668	42.201	ng	90
19) n-Nitroso-di-n-propyla...	7.210	70	158852	42.585	ng	96
20) 3+4-Methylphenols	7.198	107	203118	45.057	ng	97
22) Acetophenone	7.204	105	290552	44.118	ng	# 99
24) Nitrobenzene	7.375	77	234284	44.178	ng	95
25) Isophorone	7.610	82	430517	42.688	ng	98
26) 2-Nitrophenol	7.686	139	97559	47.542	ng	92
27) 2,4-Dimethylphenol	7.728	122	136316	47.288	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	237049	44.261	ng	99
29) 2,4-Dichlorophenol	7.928	162	164187	45.913	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	189570	42.677	ng	99
31) Naphthalene	8.092	128	570586	43.145	ng	100
32) Benzoic acid	7.857	122	107132	51.843	ng	97
33) 4-Chloroaniline	8.145	127	30863	6.784	ng	96
34) Hexachlorobutadiene	8.210	225	126051	42.678	ng	97
35) Caprolactam	8.516	113	51585m	46.391	ng	
36) 4-Chloro-3-methylphenol	8.628	107	188705	44.677	ng	95
37) 2-Methylnaphthalene	8.786	142	379143	42.763	ng	98
38) 1-Methylnaphthalene	8.880	142	352690	42.828	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	202801	44.366	ng	98
41) Hexachlorocyclopentadiene	8.939	237	222994	102.426	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	126305	48.716	ng	95

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44) 2,4,5-Trichlorophenol	9.104	196	129579	45.723	ng	96
46) 1,1'-Biphenyl	9.251	154	475105	43.712	ng	99
47) 2-Chloronaphthalene	9.275	162	353571	43.956	ng	100
48) 2-Nitroaniline	9.375	65	122241	46.954	ng	98
49) Acenaphthylene	9.692	152	561363	43.594	ng	99
50) Dimethylphthalate	9.557	163	415414	45.012	ng	99
51) 2,6-Dinitrotoluene	9.616	165	94598	48.069	ng	96
52) Acenaphthene	9.863	154	334828	44.241	ng	99
53) 3-Nitroaniline	9.786	138	37470	21.157	ng	98
54) 2,4-Dinitrophenol	9.892	184	89285	98.748	ng	# 81
55) Dibenzofuran	10.033	168	517391	42.970	ng	98
56) 4-Nitrophenol	9.951	139	117700	90.629	ng	97
57) 2,4-Dinitrotoluene	10.022	165	119436	46.773	ng	90
58) Fluorene	10.380	166	400727	42.452	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	115670m	43.866	ng	
60) Diethylphthalate	10.257	149	408568	44.961	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	202681	43.197	ng	98
62) 4-Nitroaniline	10.404	138	72147	42.560	ng	97
63) Azobenzene	10.533	77	423567	42.087	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	62333	49.934	ng	79
66) n-Nitrosodiphenylamine	10.492	169	346827	48.644	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	128226	49.730	ng	# 92
68) Hexachlorobenzene	10.922	284	137278	47.665	ng	98
69) Atrazine	11.027	200	115666	49.142	ng	98
70) Pentachlorophenol	11.121	266	156018	94.501	ng	98
71) Phenanthrene	11.345	178	567755	46.249	ng	99
72) Anthracene	11.398	178	564296	44.102	ng	98
73) Carbazole	11.551	167	443344	41.460	ng	99
74) Di-n-butylphthalate	11.892	149	559861	48.434	ng	99
75) Fluoranthene	12.533	202	566802	44.124	ng	99
77) Benzidine	12.668	184	136304	50.984	ng	99
78) Pyrene	12.763	202	556792	38.806	ng	98
80) Butylbenzylphthalate	13.398	149	198088	53.969	ng	94
81) Benzo(a)anthracene	13.962	228	495147	46.828	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	95203	33.048	ng	98
83) Chrysene	13.998	228	485593	46.713	ng	100
84) Bis(2-ethylhexyl)phtha...	13.962	149	270556	63.360	ng	98
85) Di-n-octyl phthalate	14.586	149	494046	72.764	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	400904	34.680	ng	99
88) Benzo(b)fluoranthene	15.021	252	505164	49.922	ng	99
89) Benzo(k)fluoranthene	15.051	252	469311	43.841	ng	98
90) Benzo(a)pyrene	15.392	252	434447	45.622	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	313940	33.893	ng	97
92) Benzo(g,h,i)perylene	17.398	276	296271	32.589	ng	100

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

