

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
 Data File : BF137456.D
 Acq On : 01 Mar 2024 13:47
 Operator : CG\JU
 Sample : P1653-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 294MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2024
 Supervised By :mohammad ahmed 03/04/2024

Quant Time: Mar 01 14:44:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 12:53:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	184232	20.000	ng	-0.01
21) Naphthalene-d8	8.140	136	707501	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	369862	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	549301	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	375688	20.000	ng	-0.01
86) Perylene-d12	15.586	264	365535	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1039409	85.448	ng	0.00
7) Phenol-d6	6.510	99	1398979	79.674	ng	-0.02
23) Nitrobenzene-d5	7.428	82	856642	56.259	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	245554	75.601	ng	-0.02
45) 2-Fluorobiphenyl	9.222	172	1377516	58.300	ng	-0.01
79) Terphenyl-d14	12.992	244	1165089	42.645	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	279732	42.057	ng	100
3) Pyridine	3.522	79	628371	39.172	ng	98
4) n-Nitrosodimethylamine	3.505	42	288948	44.747	ng	97
6) Aniline	6.540	93	595963	27.777	ng	100
8) 2-Chlorophenol	6.657	128	584213	45.535	ng	96
9) Benzaldehyde	6.428	77	444310	51.651	ng	99
10) Phenol	6.528	94	837695	44.325	ng	97
11) bis(2-Chloroethyl)ether	6.610	93	618976	44.694	ng	98
12) 1,3-Dichlorobenzene	6.810	146	624168	45.527	ng	98
13) 1,4-Dichlorobenzene	6.887	146	641607	45.740	ng	99
14) 1,2-Dichlorobenzene	7.034	146	606593	47.113	ng	99
15) Benzyl Alcohol	7.010	79	527753	48.279	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	1037365	43.577	ng	99
17) 2-Methylphenol	7.122	107	471147	39.244	ng	98
18) Hexachloroethane	7.375	117	216943	46.969	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	450348	41.535	ng	97
20) 3+4-Methylphenols	7.275	107	557042	40.513	ng	91
22) Acetophenone	7.275	105	773119	45.163	ng	# 98
24) Nitrobenzene	7.445	77	677239	44.275	ng	99
25) Isophorone	7.687	82	1274501	44.057	ng	98
26) 2-Nitrophenol	7.763	139	291032	47.924	ng	96
27) 2,4-Dimethylphenol	7.798	122	408244	35.978	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	757439	44.626	ng	100
29) 2,4-Dichlorophenol	8.004	162	465439	44.693	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	508362	46.386	ng	99
31) Naphthalene	8.163	128	1644266	43.316	ng	99
32) Benzoic acid	7.934	122	239346	38.120	ng	96
33) 4-Chloroaniline	8.216	127	161975	10.882	ng	98
34) Hexachlorobutadiene	8.281	225	297603	45.997	ng	99
35) Caprolactam	8.587	113	150795m	42.703	ng	
36) 4-Chloro-3-methylphenol	8.704	107	494952	42.518	ng	99
37) 2-Methylnaphthalene	8.857	142	1011049	41.780	ng	99
38) 1-Methylnaphthalene	8.957	142	938749	41.193	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	477359	46.230	ng	99
41) Hexachlorocyclopentadiene	9.010	237	314108	75.104	ng	99
43) 2,4,6-Trichlorophenol	9.134	196	308548	45.887	ng	99

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44) 2,4,5-Trichlorophenol	9.175	196	328069	42.354	ng	95
46) 1,1'-Biphenyl	9.322	154	1224446	45.232	ng	99
47) 2-Chloronaphthalene	9.345	162	937324	45.415	ng	99
48) 2-Nitroaniline	9.445	65	312086	44.488	ng	93
49) Acenaphthylene	9.763	152	1491008	45.142	ng	99
50) Dimethylphthalate	9.628	163	1147775	44.580	ng	99
51) 2,6-Dinitrotoluene	9.692	165	236579	43.932	ng	92
52) Acenaphthene	9.934	154	831407	42.163	ng	99
53) 3-Nitroaniline	9.863	138	141584	24.856	ng	92
54) 2,4-Dinitrophenol	9.969	184	148964	59.108	ng	96
55) Dibenzofuran	10.110	168	1274364	42.431	ng	99
56) 4-Nitrophenol	10.028	139	300576	74.500	ng	93
57) 2,4-Dinitrotoluene	10.098	165	294737	44.548	ng	99
58) Fluorene	10.451	166	931201	40.372	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	254961	41.047	ng	91
60) Diethylphthalate	10.333	149	1065252	43.814	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	462873	40.947	ng	99
62) 4-Nitroaniline	10.481	138	176391	36.030	ng	97
63) Azobenzene	10.610	77	1180743	42.175	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	125455	40.978	ng	94
66) n-Nitrosodiphenylamine	10.569	169	843071	47.663	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	282069	47.146	ng	97
68) Hexachlorobenzene	10.998	284	294980	48.815	ng	98
69) Atrazine	11.104	200	265950	49.459	ng	98
70) Pentachlorophenol	11.198	266	303549	83.096	ng	99
71) Phenanthrene	11.422	178	1333076	44.593	ng	99
72) Anthracene	11.469	178	1356826	44.192	ng	98
73) Carbazole	11.633	167	1137519	43.253	ng	99
74) Di-n-butylphthalate	11.969	149	1520187	48.584	ng	99
75) Fluoranthene	12.616	202	1289673	44.135	ng	99
77) Benzidine	12.751	184	548800	59.692	ng	98
78) Pyrene	12.845	202	1313680	35.636	ng	100
80) Butylbenzylphthalate	13.480	149	422551	44.883	ng	98
81) Benzo(a)anthracene	14.045	228	1206041	45.802	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	290650	41.450	ng	100
83) Chrysene	14.080	228	1218397	45.782	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	637531	53.279	ng	98
85) Di-n-octyl phthalate	14.674	149	1329915	56.538	ng	99
87) Indeno(1,2,3-cd)pyrene	17.174	276	779556	32.408	ng	99
88) Benzo(b)fluoranthene	15.133	252	1144913	52.949	ng	99
89) Benzo(k)fluoranthene	15.163	252	1155128	49.736	ng	99
90) Benzo(a)pyrene	15.521	252	999185	46.892	ng	100
91) Dibenzo(a,h)anthracene	17.204	278	627701	32.168	ng	98
92) Benzo(g,h,i)perylene	17.657	276	578112	28.848	ng	99

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

