

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
 Data File : BF134200.D
 Acq On : 10 Jul 2023 22:45
 Operator : CG\JU
 Sample : 03515-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LEONIA-COMPMSD

Quant Time: Jul 11 02:00:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 10 18:49:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	120495	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	448194	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	183390	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	302502	20.000	ng	0.00
76) Chrysene-d12	14.045	240	239187	20.000	ng	0.00
86) Perylene-d12	15.545	264	147338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	613166	85.123	ng	0.01
7) Phenol-d6	6.487	99	747143	84.340	ng	0.00
23) Nitrobenzene-d5	7.410	82	477591	57.441	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	162024	70.465	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	785802	62.297	ng	0.00
79) Terphenyl-d14	12.974	244	763322	51.362	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	111671	37.598	ng	99
3) Pyridine	3.475	79	276481	35.737	ng	99
4) n-Nitrosodimethylamine	3.446	42	186009	42.097	ng	99
6) Aniline	6.510	93	410213	38.054	ng	96
8) 2-Chlorophenol	6.634	128	356126	48.703	ng	96
9) Benzaldehyde	6.398	77	235003	52.471	ng	96
10) Phenol	6.498	94	426001	45.736	ng	98
11) bis(2-Chloroethyl)ether	6.587	93	325536	47.473	ng	96
12) 1,3-Dichlorobenzene	6.787	146	378511	48.554	ng	98
13) 1,4-Dichlorobenzene	6.863	146	390486	49.592	ng	100
14) 1,2-Dichlorobenzene	7.016	146	358158	48.568	ng	99
15) Benzyl Alcohol	6.992	79	307433	45.017	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	525287	43.299	ng	98
17) 2-Methylphenol	7.104	107	284812	43.496	ng	98
18) Hexachloroethane	7.351	117	136349	46.701	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	241990	43.075	ng	98
20) 3+4-Methylphenols	7.257	107	338361	42.595	ng	95
22) Acetophenone	7.257	105	468868	45.999	ng	# 99
24) Nitrobenzene	7.428	77	366157	43.580	ng	96
25) Isophorone	7.669	82	674834	44.659	ng	99
26) 2-Nitrophenol	7.745	139	178472	44.280	ng	99
27) 2,4-Dimethylphenol	7.781	122	300888	47.161	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	394114	45.043	ng	99
29) 2,4-Dichlorophenol	7.986	162	269837	42.651	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	301287	46.153	ng	99
31) Naphthalene	8.151	128	951773	43.963	ng	100
32) Benzoic acid	7.863	122	110438m	23.100	ng	
33) 4-Chloroaniline	8.198	127	279344	30.164	ng	99
34) Hexachlorobutadiene	8.263	225	194602	47.257	ng	99
35) Caprolactam	8.581	113	83890	40.271	ng	92
36) 4-Chloro-3-methylphenol	8.686	107	251936	35.448	ng	99
37) 2-Methylnaphthalene	8.839	142	577895	37.748	ng	100
38) 1-Methylnaphthalene	8.939	142	559535	39.314	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	279627	51.466	ng	99
41) Hexachlorocyclopentadiene	8.986	237	57183	22.184	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	174497	47.179	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	175766	40.400	ng	98
46) 1,1'-Biphenyl	9.304	154	721937	49.075	ng	99
47) 2-Chloronaphthalene	9.333	162	530324	49.271	ng	98
48) 2-Nitroaniline	9.428	65	178289	45.451	ng	98
49) Acenaphthylene	9.745	152	837229	45.535	ng	99
50) Dimethylphthalate	9.610	163	633153	47.561	ng	99
51) 2,6-Dinitrotoluene	9.675	165	130398	45.478	ng	98
52) Acenaphthene	9.922	154	473503	44.381	ng	99
53) 3-Nitroaniline	9.845	138	135511	39.395	ng	96
54) 2,4-Dinitrophenol	9.957	184	8932	8.997	ng	100
55) Dibenzofuran	10.092	168	706297	42.360	ng	98
56) 4-Nitrophenol	10.010	139	166329	69.129	ng	97
57) 2,4-Dinitrotoluene	10.080	165	154599	40.828	ng	96
58) Fluorene	10.433	166	539052	41.555	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.210	232	129617	37.770	ng	95
60) Diethylphthalate	10.310	149	621139	44.785	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	268793	42.997	ng	98
62) 4-Nitroaniline	10.463	138	125160	36.105	ng	92
63) Azobenzene	10.586	77	542262	41.333	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	10552	6.398	ng	92
66) n-Nitrosodiphenylamine	10.545	169	468309	48.454	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	138437	43.056	ng	98
68) Hexachlorobenzene	10.986	284	167128	48.956	ng	93
69) Atrazine	11.080	200	148043	55.376	ng	98
70) Pentachlorophenol	11.186	266	146442	71.744	ng	100
71) Phenanthrene	11.404	178	709959	46.621	ng	99
72) Anthracene	11.457	178	714966	45.139	ng	100
73) Carbazole	11.616	167	687977	47.454	ng	100
74) Di-n-butylphthalate	11.945	149	811697	47.080	ng	99
75) Fluoranthene	12.598	202	804329	48.856	ng	100
77) Benzidine	12.727	184	700474	123.078	ng	100
78) Pyrene	12.833	202	876132	39.360	ng	99
80) Butylbenzylphthalate	13.451	149	320736	38.419	ng	99
81) Benzo(a)anthracene	14.033	228	766321	46.197	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	280550	53.383	ng	# 99
83) Chrysene	14.068	228	696145	43.329	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	510736	53.242	ng	99
85) Di-n-octyl phthalate	14.633	149	838111	59.460	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	470709	46.041	ng	99
88) Benzo(b)fluoranthene	15.104	252	565294	65.249	ng	99
89) Benzo(k)fluoranthene	15.133	252	530182	60.105	ng	98
90) Benzo(a)pyrene	15.480	252	440346	52.562	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	385394	46.151	ng	97
92) Benzo(g,h,i)perylene	17.562	276	383299	44.510	ng	98

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

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