

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
 Data File : BF122663.D
 Acq On : 11 Dec 2020 15:06
 Operator : JU/CG
 Sample : L5033-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-48MSD

Quant Time: Dec 11 15:45:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	169760	20.00	ng	0.00
21) Naphthalene-d8	8.128	136	650236	20.00	ng	0.00
39) Acenaphthene-d10	9.880	164	343825	20.00	ng	0.00
64) Phenanthrene-d10	11.369	188	639217	20.00	ng	0.00
76) Chrysene-d12	14.010	240	537756	20.00	ng	0.00
86) Perylene-d12	15.468	264	487847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	975832	91.00	ng	0.01
7) Phenol-d6	6.481	99	1248132	87.77	ng	0.00
23) Nitrobenzene-d5	7.404	82	776041	59.80	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	404866	89.96	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1473317	57.96	ng	0.00
79) Terphenyl-d14	12.951	244	1703397	55.45	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	187313	37.16	ng	99
3) Pyridine	3.410	79	526005	39.49	ng	99
4) n-Nitrosodimethylamine	3.369	42	226204	42.34	ng	99
6) Aniline	6.504	93	494958	29.57	ng	99
8) 2-Chlorophenol	6.628	128	539474	45.65	ng	96
9) Benzaldehyde	6.387	77	227481	26.43	ng	98
10) Phenol	6.492	94	749304	50.85	ng	96
11) bis(2-Chloroethyl)ether	6.575	93	502139	44.60	ng	98
12) 1,3-Dichlorobenzene	6.781	146	571284	40.85	ng	98
13) 1,4-Dichlorobenzene	6.857	146	582976	41.34	ng	98
14) 1,2-Dichlorobenzene	7.010	146	559374	41.10	ng	99
15) Benzyl Alcohol	6.986	79	438200	44.75	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	627801	39.11	ng	96
17) 2-Methylphenol	7.098	107	436041	46.41	ng	99
18) Hexachloroethane	7.351	117	206853	41.16	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	344685	42.31	ng	97
20) 3+4-Methylphenols	7.251	107	509212	42.90	ng	92
22) Acetophenone	7.251	105	657194	40.65	ng	# 96
24) Nitrobenzene	7.428	77	547070	42.37	ng	97
25) Isophorone	7.663	82	965013	43.17	ng	100
26) 2-Nitrophenol	7.739	139	287845	45.71	ng	98
27) 2,4-Dimethylphenol	7.781	122	456838	49.50	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	620244	40.52	ng	99
29) 2,4-Dichlorophenol	7.986	162	458547	42.54	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	482630	39.52	ng	99
31) Naphthalene	8.151	128	1489194	41.50	ng	100
32) Benzoic acid	7.863	122	38825m	5.28	ng	
33) 4-Chloroaniline	8.192	127	288074	19.20	ng	99
34) Hexachlorobutadiene	8.263	225	284174	37.81	ng	99
35) Caprolactam	8.575	113	135933m	41.87	ng	
36) 4-Chloro-3-methylphenol	8.686	107	471999	44.46	ng	99
37) 2-Methylnaphthalene	8.839	142	1001983	42.21	ng	99
38) 1-Methylnaphthalene	8.939	142	921137	41.02	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	467466	41.05	ng	99
41) Hexachlorocyclopentadiene	8.992	237	476108	94.56	ng	97
43) 2,4,6-Trichlorophenol	9.122	196	321170	40.84	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	346472	42.62	ng	97
46) 1,1'-Biphenyl	9.304	154	1181335	41.40	ng	99
47) 2-Chloronaphthalene	9.328	162	952096	40.27	ng	99
48) 2-Nitroaniline	9.428	65	283115	41.07	ng	96
49) Acenaphthylene	9.745	152	1471163	42.13	ng	100
50) Dimethylphthalate	9.604	163	1198640	43.65	ng	99
51) 2,6-Dinitrotoluene	9.669	165	261844	45.15	ng	98
52) Acenaphthene	9.916	154	860802	38.10	ng	99
53) 3-Nitroaniline	9.833	138	188011	28.06	ng	94
54) 2,4-Dinitrophenol	9.945	184	85633	30.20	ng	92
55) Dibenzofuran	10.086	168	1331278	41.89	ng	99
56) 4-Nitrophenol	10.004	139	389841	81.59	ng	91
57) 2,4-Dinitrotoluene	10.075	165	344607	44.61	ng	94
58) Fluorene	10.433	166	1018035	40.27	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	283091	39.63	ng	99
60) Diethylphthalate	10.304	149	1089473	40.79	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	489155	39.30	ng	98
62) 4-Nitroaniline	10.451	138	279299	41.06	ng	97
63) Azobenzene	10.580	77	1026249	41.80	ng	98
65) 4,6-Dinitro-2-methylph...	10.480	198	117461	30.14	ng	97
66) n-Nitrosodiphenylamine	10.539	169	942480	41.73	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	343930	39.71	ng	96
68) Hexachlorobenzene	10.980	284	382443	39.94	ng	97
69) Atrazine	11.069	200	274051	37.36	ng	99
70) Pentachlorophenol	11.174	266	309373	60.98	ng	99
71) Phenanthrene	11.392	178	1573524	41.42	ng	100
72) Anthracene	11.445	178	1626804	43.19	ng	100
73) Carbazole	11.598	167	1476654	43.22	ng	99
74) Di-n-butylphthalate	11.927	149	1654897	38.55	ng	100
75) Fluoranthene	12.580	202	1683575	42.26	ng	99
77) Benzidine	12.698	184	556315	47.83	ng	99
78) Pyrene	12.810	202	1699083	40.87	ng	100
80) Butylbenzylphthalate	13.427	149	717347	38.30	ng	98
81) Benzo(a)anthracene	13.998	228	1510137	42.02	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	353325	27.45	ng	98
83) Chrysene	14.039	228	1504606	42.07	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	947384	36.94	ng	# 98
85) Di-n-octyl phthalate	14.598	149	1586461	37.29	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1272659	39.74	ng	100
88) Benzo(b)fluoranthene	15.051	252	1509940	44.11	ng	98
89) Benzo(k)fluoranthene	15.080	252	1324683	42.33	ng	99
90) Benzo(a)pyrene	15.409	252	1236206	41.28	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	1048061	39.99	ng	99
92) Benzo(g,h,i)perylene	17.374	276	1055426	41.61	ng	99

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

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