

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052021\
 Data File : BF124008.D
 Acq On : 20 May 2021 14:35
 Operator : JU/CG
 Sample : M2457-02MSD 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD

Manual Integrations
 APPROVED

mohammad
 5/21/2021 3:21:39 PM

Quant Time: May 20 15:02:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	43342	20.00	ng	0.00
21) Naphthalene-d8	8.192	136	174223	20.00	ng	0.00
39) Acenaphthene-d10	9.945	164	107555	20.00	ng	0.00
64) Phenanthrene-d10	11.439	188	185196	20.00	ng	# 0.01
76) Chrysene-d12	14.092	240	125252	20.00	ng	0.02
86) Perylene-d12	15.586	264	93285	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	133908	43.38	ng	0.00
7) Phenol-d6	6.522	99	172194	43.00	ng	0.00
23) Nitrobenzene-d5	7.463	82	129544	32.04	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	59979	46.43	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	233274	26.69	ng	0.00
79) Terphenyl-d14	13.021	244	200792	24.28	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	22115	16.31	ng	98
3) Pyridine	3.434	79	53194	15.20	ng	94
4) n-Nitrosodimethylamine	3.375	42	39754	17.49	ng	100
6) Aniline	6.563	93	29219	6.43	ng	94
8) 2-Chlorophenol	6.686	128	63740	19.84	ng	96
9) Benzaldehyde	6.451	77	50931	29.39	ng	92
10) Phenol	6.539	94	86645	21.41	ng	98
11) bis(2-Chloroethyl)ether	6.633	93	59668	18.97	ng	96
12) 1,3-Dichlorobenzene	6.845	146	71909	19.21	ng	94
13) 1,4-Dichlorobenzene	6.922	146	75418	19.70	ng	97
14) 1,2-Dichlorobenzene	7.075	146	66411	18.56	ng	97
15) Benzyl Alcohol	7.039	79	69586	20.12	ng	88
16) 2,2'-oxybis(1-Chloropr...	7.181	45	123980	19.58	ng	95
17) 2-Methylphenol	7.151	107	56632	21.74	ng	93
18) Hexachloroethane	7.422	117	28071	19.78	ng	90
19) n-Nitroso-di-n-propyla...	7.310	70	55628	20.56	ng	# 97
20) 3+4-Methylphenols	7.304	107	70427	20.52	ng	91
22) Acetophenone	7.310	105	94353	19.07	ng	# 97
24) Nitrobenzene	7.480	77	76810	18.58	ng	# 91
25) Isophorone	7.722	82	141238	18.16	ng	100
26) 2-Nitrophenol	7.804	139	35061	22.54	ng	93
27) 2,4-Dimethylphenol	7.833	122	61501	20.65	ng	91
28) bis(2-Chloroethoxy)met...	7.933	93	78559	20.08	ng	98
29) 2,4-Dichlorophenol	8.039	162	59734	19.82	ng	93
30) 1,2,4-Trichlorobenzene	8.127	180	62019	18.30	ng	92
31) Naphthalene	8.216	128	347185	33.67	ng	98
32) Benzoic acid	7.928	122	25566	15.64	ng	# 78
33) 4-Chloroaniline	8.257	127	13464	3.43	ng	96
34) Hexachlorobutadiene	8.327	225	41265	18.60	ng	98
35) Caprolactam	8.616	113	18635	22.71	ng	# 80
36) 4-Chloro-3-methylphenol	8.733	107	67050	20.34	ng	96
37) 2-Methylnaphthalene	8.904	142	185927	26.60	ng	96
38) 1-Methylnaphthalene	9.004	142	163025	25.00	ng	98
40) 1,2,4,5-Tetrachloroben...	9.069	216	69478	17.91	ng	98
41) Hexachlorocyclopentadiene	9.057	237	29497	11.96	ng	93
43) 2,4,6-Trichlorophenol	9.180	196	43452	17.26	ng	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	46964	17.96	ng	95
46) 1,1'-Biphenyl	9.369	154	194040	20.48	ng	99
47) 2-Chloronaphthalene	9.392	162	124127	16.50	ng	97
48) 2-Nitroaniline	9.486	65	53372	21.01	ng	94
49) Acenaphthylene	9.810	152	223128	20.07	ng	97
50) Dimethylphthalate	9.663	163	171071	19.92	ng	99
51) 2,6-Dinitrotoluene	9.727	165	37390	21.53	ng	# 75
52) Acenaphthene	9.980	154	286660	37.67	ng	95
53) 3-Nitroaniline	9.892	138	19898	11.53	ng	# 92
54) 2,4-Dinitrophenol	10.004	184	21295	28.01	ng	# 87
55) Dibenzofuran	10.151	168	367669	33.64	ng	98
56) 4-Nitrophenol	10.051	139	53681	37.60	ng	98
57) 2,4-Dinitrotoluene	10.133	165	49891	23.42	ng	# 89
58) Fluorene	10.498	166	325687	39.54	ng	94
59) 2,3,4,6-Tetrachlorophenol	10.269	232	41735	19.41	ng	93
60) Diethylphthalate	10.363	149	169103	19.88	ng	95
61) 4-Chlorophenyl-phenyle...	10.486	204	80009	19.38	ng	96
62) 4-Nitroaniline	10.504	138	32289	18.81	ng	98
63) Azobenzene	10.645	77	176164	18.62	ng	84
65) 4,6-Dinitro-2-methylph...	10.539	198	16675	17.83	ng	85
66) n-Nitrosodiphenylamine	10.604	169	138704	19.60	ng	96
67) 4-Bromophenyl-phenylether	10.974	248	47819	19.65	ng	# 83
68) Hexachlorobenzene	11.045	284	53520	19.70	ng	97
69) Atrazine	11.133	200	45930	22.98	ng	98
70) Pentachlorophenol	11.245	266	50865	31.58	ng	87
71) Phenanthrene	11.480	178	2794435	238.08	ng	100
72) Anthracene	11.521	178	893094	75.09	ng	99
73) Carbazole	11.668	167	408440	39.26	ng	97
74) Di-n-butylphthalate	11.998	149	268777	20.64	ng	98
75) Fluoranthene	12.668	202	2586106	212.79	ng	99
77) Benzidine	12.774	184	55297	18.30	ng	# 96
78) Pyrene	12.898	202	2094056	188.32	ng	99
80) Butylbenzylphthalate	13.498	149	86639	19.87	ng	# 97
81) Benzo(a)anthracene	14.080	228	1066786	117.77	ng	98
82) 3,3'-Dichlorobenzidine	14.039	252	26322	9.35	ng	95
83) Chrysene	14.121	228	885231	101.61	ng	97
84) Bis(2-ethylhexyl)phtha...	14.057	149	132950	21.61	ng	99
85) Di-n-octyl phthalate	14.674	149	210779	22.66	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.103	276	321444	44.62	ng	95
88) Benzo(b)fluoranthene	15.151	252	881310	122.13	ng	# 97
89) Benzo(k)fluoranthene	15.180	252	360676m	54.84	ng	
90) Benzo(a)pyrene	15.533	252	577561	92.59	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	148942m	24.55	ng	
92) Benzo(g,h,i)perylene	17.568	276	270930	44.53	ng	97

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

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