

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081821\
 Data File : BF125091.D
 Acq On : 18 Aug 2021 16:47
 Operator : JU/CG
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081821

Manual Integrations
 APPROVED

mohammad
 8/19/2021 1:26:54 PM

Quant Time: Aug 18 17:44:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	134307	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	470415	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	234030	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	381483	20.000	ng	0.00
76) Chrysene-d12	14.086	240	248676	20.000	ng	0.00
86) Perylene-d12	15.580	264	228246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	712933	80.345	ng	0.00
7) Phenol-d6	6.539	99	910889	79.373	ng	0.00
23) Nitrobenzene-d5	7.486	82	793272	84.896	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	197004	84.329	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1311395	78.098	ng	0.00
79) Terphenyl-d14	13.033	244	1219533	78.127	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	180524	41.229	ng	# 100
3) Pyridine	3.475	79	472117	40.845	ng	88
4) n-Nitrosodimethylamine	3.428	42	237987	41.146	ng	# 46
6) Aniline	6.587	93	538882m	39.976	ng	
8) 2-Chlorophenol	6.704	128	367683	40.619	ng	81
9) Benzaldehyde	6.475	77	307696	38.205	ng	95
10) Phenol	6.551	94	484083	40.280	ng	97
11) bis(2-Chloroethyl)ether	6.657	93	382738	40.437	ng	86
12) 1,3-Dichlorobenzene	6.863	146	417839	39.834	ng	96
13) 1,4-Dichlorobenzene	6.939	146	420604	40.242	ng	98
14) 1,2-Dichlorobenzene	7.092	146	386786	39.335	ng	98
15) Benzyl Alcohol	7.057	79	359372	40.672	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	776789	40.923	ng	99
17) 2-Methylphenol	7.163	107	303810	39.954	ng	95
18) Hexachloroethane	7.439	117	149914	40.961	ng	# 84
19) n-Nitroso-di-n-propyla...	7.334	70	272611	39.493	ng	# 82
20) 3+4-Methylphenols	7.316	107	383459	40.173	ng	# 84
22) Acetophenone	7.328	105	491199	40.572	ng	93
24) Nitrobenzene	7.504	77	427420	41.980	ng	89
25) Isophorone	7.739	82	745614	41.364	ng	# 88
26) 2-Nitrophenol	7.816	139	183068	45.029	ng	# 76
27) 2,4-Dimethylphenol	7.851	122	282825	39.737	ng	90
28) bis(2-Chloroethoxy)met...	7.951	93	416584	41.739	ng	# 97
29) 2,4-Dichlorophenol	8.057	162	309043	42.576	ng	96
30) 1,2,4-Trichlorobenzene	8.145	180	325051	41.066	ng	93
31) Naphthalene	8.228	128	991532	41.157	ng	99
32) Benzoic acid	7.945	122	221602	45.873	ng	# 85
33) 4-Chloroaniline	8.269	127	393501	41.432	ng	# 88
34) Hexachlorobutadiene	8.345	225	211978	42.001	ng	99
35) Caprolactam	8.633	113	80715	42.932	ng	# 43
36) 4-Chloro-3-methylphenol	8.745	107	313003	42.240	ng	94
37) 2-Methylnaphthalene	8.916	142	646540	40.612	ng	100
38) 1-Methylnaphthalene	9.016	142	611199	41.113	ng	96
40) 1,2,4,5-Tetrachloroben...	9.080	216	308514	40.349	ng	97
41) Hexachlorocyclopentadiene	9.069	237	165491	41.196	ng	99
43) 2,4,6-Trichlorophenol	9.192	196	222531	41.333	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	235225	41.529	ng	91
46) 1,1'-Biphenyl	9.380	154	745515	39.513	ng	97
47) 2-Chloronaphthalene	9.410	162	615689	40.156	ng	96
48) 2-Nitroaniline	9.498	65	201910	42.482	ng	# 83
49) Acenaphthylene	9.822	152	890631	39.863	ng	98
50) Dimethylphthalate	9.680	163	646948	39.891	ng	# 98
51) 2,6-Dinitrotoluene	9.739	165	149110	42.401	ng	# 83
52) Acenaphthene	9.998	154	563117	40.656	ng	99
53) 3-Nitroaniline	9.910	138	155333	40.959	ng	# 80
54) 2,4-Dinitrophenol	10.010	184	61644	44.377	ng	# 85
55) Dibenzofuran	10.169	168	792330	39.749	ng	96
56) 4-Nitrophenol	10.051	139	125673	41.847	ng	# 75
57) 2,4-Dinitrotoluene	10.139	165	181962	42.752	ng	# 94
58) Fluorene	10.510	166	579958	39.354	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.280	232	172700	41.086	ng	# 87
60) Diethylphthalate	10.380	149	640350	40.501	ng	97
61) 4-Chlorophenyl-phenyle...	10.498	204	297107	39.874	ng	90
62) 4-Nitroaniline	10.522	138	139094	40.787	ng	# 81
63) Azobenzene	10.663	77	711076	40.096	ng	93
65) 4,6-Dinitro-2-methylph...	10.545	198	89079	44.119	ng	96
66) n-Nitrosodiphenylamine	10.616	169	563070	41.222	ng	96
67) 4-Bromophenyl-phenylether	10.992	248	193609	42.264	ng	93
68) Hexachlorobenzene	11.057	284	197616	41.934	ng	# 85
69) Atrazine	11.139	200	160858	41.039	ng	93
70) Pentachlorophenol	11.245	266	120442	43.771	ng	91
71) Phenanthrene	11.474	178	841861	40.051	ng	97
72) Anthracene	11.522	178	841249	40.604	ng	99
73) Carbazole	11.674	167	757335	40.001	ng	99
74) Di-n-butylphthalate	12.004	149	951164	42.335	ng	99
75) Fluoranthene	12.663	202	838170	40.187	ng	97
77) Benzidine	12.780	184	332813	38.321	ng	97
78) Pyrene	12.892	202	870138	40.791	ng	96
80) Butylbenzylphthalate	13.510	149	352144	42.013	ng	92
81) Benzo(a)anthracene	14.074	228	730592	40.776	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	228725	41.182	ng	98
83) Chrysene	14.115	228	708553	39.988	ng	97
84) Bis(2-ethylhexyl)phtha...	14.063	149	491264	42.644	ng	100
85) Di-n-octyl phthalate	14.680	149	824793	43.047	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	709018	43.119	ng	94
88) Benzo(b)fluoranthene	15.139	252	704198	42.230	ng	# 96
89) Benzo(k)fluoranthene	15.174	252	648572	41.681	ng	100
90) Benzo(a)pyrene	15.521	252	624341	42.386	ng	# 95
91) Dibenzo(a,h)anthracene	17.115	278	619803	43.606	ng	96
92) Benzo(g,h,i)perylene	17.556	276	595638	43.462	ng	# 89

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

