

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
 Data File : BF134035.D
 Acq On : 29 Jun 2023 14:11
 Operator : CG\JU
 Sample : 03365-24MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 15:15:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	111278	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	433108	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	224393	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	430028	20.000	ng	0.00
76) Chrysene-d12	14.045	240	224232	20.000	ng	0.00
86) Perylene-d12	15.545	264	220551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	658716	99.020	ng	0.01
7) Phenol-d6	6.493	99	821753	100.446	ng	0.00
23) Nitrobenzene-d5	7.416	82	553341	68.870	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	287847	102.311	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1037818	67.243	ng	0.00
79) Terphenyl-d14	12.980	244	1167178	83.774	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	108707	39.631	ng	98
3) Pyridine	3.481	79	268045	37.517	ng	97
4) n-Nitrosodimethylamine	3.452	42	194935	47.771	ng	96
6) Aniline	6.516	93	384382	38.611	ng	99
8) 2-Chlorophenol	6.634	128	333440	49.377	ng	99
9) Benzaldehyde	6.404	77	259325	72.153	ng	97
10) Phenol	6.504	94	392233	45.599	ng	87
11) bis(2-Chloroethyl)ether	6.587	93	293840	46.400	ng	99
12) 1,3-Dichlorobenzene	6.787	146	356131	49.467	ng	99
13) 1,4-Dichlorobenzene	6.863	146	356683	49.051	ng	99
14) 1,2-Dichlorobenzene	7.016	146	337290	49.527	ng	99
15) Benzyl Alcohol	6.993	79	306240	48.557	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	516793	46.128	ng	98
17) 2-Methylphenol	7.104	107	272502	45.063	ng	97
18) Hexachloroethane	7.357	117	137435	50.972	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	235875	45.464	ng	97
20) 3+4-Methylphenols	7.257	107	326729	44.537	ng	93
22) Acetophenone	7.257	105	456922	46.388	ng	96
24) Nitrobenzene	7.434	77	368592	45.398	ng	95
25) Isophorone	7.669	82	665224	45.556	ng	98
26) 2-Nitrophenol	7.745	139	185270	47.567	ng	92
27) 2,4-Dimethylphenol	7.787	122	280042	45.422	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	380238	44.971	ng	98
29) 2,4-Dichlorophenol	7.987	162	278272	45.517	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	294343	46.660	ng	99
31) Naphthalene	8.151	128	930595	44.482	ng	99
32) Benzoic acid	7.916	122	206523m	44.703	ng	
33) 4-Chloroaniline	8.198	127	133617	14.931	ng	99
34) Hexachlorobutadiene	8.263	225	188084	47.266	ng	98
35) Caprolactam	8.587	113	91413m	45.411	ng	
36) 4-Chloro-3-methylphenol	8.687	107	324917	47.308	ng	97
37) 2-Methylnaphthalene	8.845	142	634867	42.914	ng	100
38) 1-Methylnaphthalene	8.939	142	596243	43.353	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	299891	45.110	ng	98
41) Hexachlorocyclopentadiene	8.992	237	340373	107.920	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	205146	45.330	ng	99

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44) 2,4,5-Trichlorophenol	9.163	196	223251	41.938	ng	97
46) 1,1'-Biphenyl	9.310	154	802778	44.599	ng	97
47) 2-Chloronaphthalene	9.334	162	593694	45.079	ng	96
48) 2-Nitroaniline	9.434	65	213454	44.472	ng	98
49) Acenaphthylene	9.751	152	978291	43.484	ng	99
50) Dimethylphthalate	9.616	163	719222	44.155	ng	99
51) 2,6-Dinitrotoluene	9.681	165	162310	46.264	ng	98
52) Acenaphthene	9.922	154	576130	44.133	ng	98
53) 3-Nitroaniline	9.845	138	108282	25.727	ng	97
54) 2,4-Dinitrophenol	9.957	184	145449	72.185	ng	90
55) Dibenzofuran	10.098	168	886760	43.465	ng	100
56) 4-Nitrophenol	10.022	139	254392	86.410	ng	93
57) 2,4-Dinitrotoluene	10.086	165	210548	45.443	ng	91
58) Fluorene	10.439	166	699294	44.057	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	194200	46.249	ng	99
60) Diethylphthalate	10.316	149	759004	44.725	ng	98
61) 4-Chlorophenyl-phenyle...	10.433	204	337870	44.171	ng	98
62) 4-Nitroaniline	10.469	138	170367	40.165	ng	92
63) Azobenzene	10.592	77	781685	48.695	ng	96
65) 4,6-Dinitro-2-methylph...	10.498	198	107085	45.675	ng	97
66) n-Nitrosodiphenylamine	10.557	169	625125	45.498	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	212891	46.577	ng	# 90
68) Hexachlorobenzene	10.992	284	239804	49.414	ng	97
69) Atrazine	11.086	200	204852	53.902	ng	97
70) Pentachlorophenol	11.186	266	232425	80.100	ng	98
71) Phenanthrene	11.410	178	985188	45.509	ng	99
72) Anthracene	11.463	178	1026456	45.586	ng	99
73) Carbazole	11.616	167	927670	45.011	ng	99
74) Di-n-butylphthalate	11.945	149	1166251	47.585	ng	98
75) Fluoranthene	12.604	202	1013678	43.312	ng	99
77) Benzidine	12.727	184	437532	82.005	ng	99
78) Pyrene	12.833	202	1022936	49.020	ng	99
80) Butylbenzylphthalate	13.457	149	400957	51.231	ng	98
81) Benzo(a)anthracene	14.033	228	700901	45.071	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	113475	23.032	ng	# 97
83) Chrysene	14.069	228	657828	43.675	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	472922	52.588	ng	98
85) Di-n-octyl phthalate	14.639	149	727693	55.070	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	764638	49.963	ng	98
88) Benzo(b)fluoranthene	15.104	252	629710	48.557	ng	99
89) Benzo(k)fluoranthene	15.133	252	599764	45.423	ng	98
90) Benzo(a)pyrene	15.480	252	547315	43.644	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	618448	49.475	ng	99
92) Benzo(g,h,i)perylene	17.574	276	616365	47.815	ng	98

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

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