

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135473.D
 Acq On : 27 Sep 2023 15:30
 Operator : CG\JU
 Sample : 04531-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-BCDMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/28/2023
 Supervised By :Jagrut Upadhyay 09/28/2023

Quant Time: Sep 28 01:47:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	185713	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	689236	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	318668	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	523998	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	273196	20.000	ng	0.00
86) Perylene-d12	15.416	264	377078	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1363365	119.401	ng	0.03
7) Phenol-d6	6.416	99	1597401	110.021	ng	0.01
23) Nitrobenzene-d5	7.328	82	1186896	93.558	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	345848	109.211	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1849708	87.574	ng	0.00
79) Terphenyl-d14	12.886	244	1402675	79.592	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	243020	48.550	ng	# 79
3) Pyridine	3.416	79	549031	40.754	ng	95
4) n-Nitrosodimethylamine	3.352	42	371827	52.011	ng	93
6) Aniline	6.428	93	367765	19.316	ng	# 1
8) 2-Chlorophenol	6.551	128	601289	49.330	ng	97
9) Benzaldehyde	6.316	77	50816	6.144	ng	96
10) Phenol	6.428	94	619453	38.909	ng	97
11) bis(2-Chloroethyl)ether	6.504	93	626707	52.478	ng	99
12) 1,3-Dichlorobenzene	6.698	146	596018	48.114	ng	99
13) 1,4-Dichlorobenzene	6.775	146	606510	48.123	ng	98
14) 1,2-Dichlorobenzene	6.922	146	565665	48.330	ng	99
15) Benzyl Alcohol	6.910	79	489094	46.944	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.034	45	1093152	48.563	ng	69
17) 2-Methylphenol	7.028	107	468486	43.554	ng	# 90
18) Hexachloroethane	7.263	117	232924	50.018	ng	94
19) n-Nitroso-di-n-propyla...	7.181	70	381044	42.371	ng	96
20) 3+4-Methylphenols	7.181	107	527391	40.775	ng	# 81
22) Acetophenone	7.169	105	761790	48.344	ng	# 92
24) Nitrobenzene	7.345	77	621038	49.528	ng	99
25) Isophorone	7.587	82	1170071	50.228	ng	99
26) 2-Nitrophenol	7.657	139	314657	52.285	ng	98
27) 2,4-Dimethylphenol	7.704	122	470906	46.552	ng	94
28) bis(2-Chloroethoxy)met...	7.793	93	732292	52.521	ng	100
29) 2,4-Dichlorophenol	7.904	162	460554	49.135	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	489568	49.970	ng	99
31) Naphthalene	8.057	128	1621596	48.423	ng	99
32) Benzoic acid	7.851	122	349950	45.942	ng	100
33) 4-Chloroaniline	8.110	127	177724	12.096	ng	98
34) Hexachlorobutadiene	8.169	225	277984	47.056	ng	99
35) Caprolactam	8.498	113	117585m	37.378	ng	
36) 4-Chloro-3-methylphenol	8.616	107	490668	47.099	ng	96
37) 2-Methylnaphthalene	8.751	142	1001706	44.500	ng	99
38) 1-Methylnaphthalene	8.851	142	951396	45.143	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	466343	50.513	ng	99
41) Hexachlorocyclopentadiene	8.898	237	281684	70.238	ng	96
43) 2,4,6-Trichlorophenol	9.039	196	297252	49.176	ng	99

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44) 2,4,5-Trichlorophenol	9.087	196	330656	47.501	ng	97
46) 1,1'-Biphenyl	9.216	154	1219760	49.808	ng	97
47) 2-Chloronaphthalene	9.245	162	914291	51.456	ng	99
48) 2-Nitroaniline	9.351	65	355195	51.456	ng	94
49) Acenaphthylene	9.657	152	1448081	49.038	ng	99
50) Dimethylphthalate	9.528	163	1068678	49.602	ng	100
51) 2,6-Dinitrotoluene	9.592	165	235705	49.939	ng	94
52) Acenaphthene	9.828	154	849731	48.711	ng	97
53) 3-Nitroaniline	9.763	138	141132	25.474	ng	91
54) 2,4-Dinitrophenol	9.881	184	229752	85.298	ng	95
55) Dibenzofuran	10.004	168	1172136	44.032	ng	99
56) 4-Nitrophenol	9.945	139	250307	71.087	ng	97
57) 2,4-Dinitrotoluene	10.004	165	252245	42.690	ng	# 83
58) Fluorene	10.351	166	934081	45.644	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	253713	47.381	ng	99
60) Diethylphthalate	10.228	149	1008022	46.619	ng	100
61) 4-Chlorophenyl-phenyle...	10.339	204	425325	43.266	ng	97
62) 4-Nitroaniline	10.381	138	227335	42.687	ng	96
63) Azobenzene	10.504	77	1051439	49.686	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	145862	52.410	ng	93
66) n-Nitrosodiphenylamine	10.463	169	865191	54.538	ng	99
67) 4-Bromophenyl-phenylether	10.828	248	271874	52.168	ng	92
68) Hexachlorobenzene	10.898	284	280523	52.835	ng	# 93
69) Atrazine	10.998	200	245799	57.584	ng	99
70) Pentachlorophenol	11.098	266	263030	82.803	ng	98
71) Phenanthrene	11.316	178	1266823	51.117	ng	99
72) Anthracene	11.369	178	1289192	50.608	ng	100
73) Carbazole	11.528	167	1173049	50.585	ng	99
74) Di-n-butylphthalate	11.857	149	1429051	52.297	ng	100
75) Fluoranthene	12.510	202	1191890	46.155	ng	99
77) Benzidine	12.633	184	161768	28.903	ng	99
78) Pyrene	12.739	202	1191239	45.799	ng	99
80) Butylbenzylphthalate	13.363	149	491600	53.681	ng	98
81) Benzo(a)anthracene	13.933	228	920190	52.162	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	223917	40.637	ng	# 97
83) Chrysene	13.974	228	906236	51.669	ng	100
84) Bis(2-ethylhexyl)phtha...	13.922	149	600860	63.938	ng	# 98
85) Di-n-octyl phthalate	14.545	149	1119958	74.991	ng	100
87) Indeno(1,2,3-cd)pyrene	16.910	276	1123915	45.459	ng	96
88) Benzo(b)fluoranthene	14.992	252	1034896m	50.699	ng	
89) Benzo(k)fluoranthene	15.021	252	940883	46.662	ng	99
90) Benzo(a)pyrene	15.357	252	945214	48.557	ng	98
91) Dibenzo(a,h)anthracene	16.921	278	914541	45.209	ng	99
92) Benzo(g,h,i)perylene	17.357	276	874786	41.406	ng	# 95

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

