

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
 Data File : BF137545.D
 Acq On : 08 Mar 2024 16:11
 Operator : CG\JU
 Sample : P1705-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2BMSD

Quant Time: Mar 08 22:17:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 08 22:10:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/09/2024
 Supervised By :mohammad ahmed 03/09/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	216612	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	820184	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	443124	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	731030	20.000	ng	0.00
76) Chrysene-d12	14.080	240	380902	20.000	ng	0.00
86) Perylene-d12	15.621	264	454964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	1047209	73.220	ng	0.01
7) Phenol-d6	6.540	99	1411216	68.357	ng	0.00
23) Nitrobenzene-d5	7.451	82	853187	48.334	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	283727	72.911	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1299330	45.900	ng	0.00
79) Terphenyl-d14	13.016	244	1157221	41.777	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	278497	35.612	ng	100
3) Pyridine	3.599	79	641814	34.030	ng	99
4) n-Nitrosodimethylamine	3.587	42	289321	38.673	ng	98
6) Aniline	6.563	93	563414	22.335	ng	100
8) 2-Chlorophenol	6.681	128	621906	41.227	ng	97
9) Benzaldehyde	6.451	77	292814	28.951	ng	94
10) Phenol	6.551	94	854184	38.441	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	622901	38.254	ng	99
12) 1,3-Dichlorobenzene	6.834	146	652909	40.504	ng	96
13) 1,4-Dichlorobenzene	6.910	146	667528	40.474	ng	99
14) 1,2-Dichlorobenzene	7.057	146	633358	41.839	ng	98
15) Benzyl Alcohol	7.040	79	561464	43.685	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1015047	36.265	ng	98
17) 2-Methylphenol	7.145	107	497992	35.280	ng	99
18) Hexachloroethane	7.392	117	231930	42.708	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	456132	35.779	ng	99
20) 3+4-Methylphenols	7.298	107	579692	35.858	ng	93
22) Acetophenone	7.298	105	811608	40.898	ng	# 99
24) Nitrobenzene	7.469	77	707537	39.901	ng	99
25) Isophorone	7.704	82	1306363	38.954	ng	99
26) 2-Nitrophenol	7.781	139	322056	45.747	ng	100
27) 2,4-Dimethylphenol	7.822	122	433765	32.975	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	784692	39.880	ng	100
29) 2,4-Dichlorophenol	8.022	162	507004	41.995	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	535261	42.131	ng	98
31) Naphthalene	8.187	128	2020648	45.918	ng	100
32) Benzoic acid	7.957	122	252112	35.212	ng	97
33) 4-Chloroaniline	8.239	127	129066	7.480	ng	99
34) Hexachlorobutadiene	8.298	225	315226	42.027	ng	98
35) Caprolactam	8.616	113	173557m	42.396	ng	
36) 4-Chloro-3-methylphenol	8.728	107	546355	40.486	ng	99
37) 2-Methylnaphthalene	8.875	142	1123937	40.064	ng	99
38) 1-Methylnaphthalene	8.975	142	1074961	40.689	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	511061	41.311	ng	99
41) Hexachlorocyclopentadiene	9.028	237	404272	80.069	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	342917	42.567	ng	99

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44) 2,4,5-Trichlorophenol	9.198	196	374778	40.385	ng	97
46) 1,1'-Biphenyl	9.345	154	1309056	40.362	ng	99
47) 2-Chloronaphthalene	9.369	162	1026005	41.493	ng	99
48) 2-Nitroaniline	9.469	65	352928	41.992	ng	98
49) Acenaphthylene	9.786	152	1654137	41.801	ng	99
50) Dimethylphthalate	9.651	163	1208850	39.189	ng	100
51) 2,6-Dinitrotoluene	9.716	165	273009	42.315	ng	# 84
52) Acenaphthene	9.957	154	917813	38.849	ng	99
53) 3-Nitroaniline	9.881	138	130028	19.053	ng	96
54) 2,4-Dinitrophenol	9.992	184	227479	73.080	ng	98
55) Dibenzofuran	10.133	168	1389090	38.605	ng	98
56) 4-Nitrophenol	10.057	139	371950	76.800	ng	94
57) 2,4-Dinitrotoluene	10.122	165	333778	42.109	ng	99
58) Fluorene	10.475	166	1070305	38.731	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	297622	39.993	ng	95
60) Diethylphthalate	10.357	149	1124947	38.619	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	503849	37.203	ng	98
62) 4-Nitroaniline	10.504	138	237212m	40.442	ng	
63) Azobenzene	10.628	77	1281647	38.210	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	182859	44.880	ng	94
66) n-Nitrosodiphenylamine	10.592	169	940842	39.968	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	327809	41.171	ng	100
68) Hexachlorobenzene	11.022	284	351420	43.698	ng	99
69) Atrazine	11.128	200	316348	44.207	ng	97
70) Pentachlorophenol	11.222	266	368217	75.741	ng	99
71) Phenanthrene	11.445	178	1630500	40.984	ng	99
72) Anthracene	11.498	178	1636900	40.061	ng	99
73) Carbazole	11.657	167	1386271	39.608	ng	99
74) Di-n-butylphthalate	11.992	149	1719434	41.291	ng	100
75) Fluoranthene	12.639	202	1460909	37.567	ng	99
77) Benzidine	12.769	184	411173	44.110	ng	98
78) Pyrene	12.869	202	1482224	39.658	ng	99
80) Butylbenzylphthalate	13.504	149	512738	53.718	ng	98
81) Benzo(a)anthracene	14.069	228	1102617	41.301	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	202057	28.421	ng	99
83) Chrysene	14.110	228	1118276	41.444	ng	100
84) Bis(2-ethylhexyl)phtha...	14.069	149	666479	54.935	ng	100
85) Di-n-octyl phthalate	14.698	149	1213777	51.454	ng	98
87) Indeno(1,2,3-cd)pyrene	17.245	276	1150717	38.434	ng	99
88) Benzo(b)fluoranthene	15.163	252	1178840	43.802	ng	99
89) Benzo(k)fluoranthene	15.198	252	1059323	36.646	ng	99
90) Benzo(a)pyrene	15.557	252	1088268	41.034	ng	98
91) Dibenzo(a,h)anthracene	17.274	278	935830	38.532	ng	98
92) Benzo(g,h,i)perylene	17.739	276	847581	33.981	ng	99

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

