

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137515.D
 Acq On : 06 Mar 2024 13:25
 Operator : CG\JU
 Sample : P1672-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
 Supervised By :mohammad ahmed 03/08/2024

Quant Time: Mar 06 13:52:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	232238	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	887332	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	483918	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	783227	20.000	ng	0.00
76) Chrysene-d12	14.045	240	379036	20.000	ng	0.00
86) Perylene-d12	15.574	264	457012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1776386	115.847	ng	0.02
7) Phenol-d6	6.504	99	2258241	102.026	ng	0.00
23) Nitrobenzene-d5	7.422	82	1617191	84.682	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	544198	128.058	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2518590	81.470	ng	0.00
79) Terphenyl-d14	12.986	244	2385107	86.529	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.898	88	325387	38.809	ng	99
3) Pyridine	3.616	79	631109	31.211	ng	99
4) n-Nitrosodimethylamine	3.569	42	386277	47.224	ng	99
6) Aniline	6.528	93	339595	12.556	ng	# 78
8) 2-Chlorophenol	6.645	128	734771	45.431	ng	95
9) Benzaldehyde	6.416	77	222609	20.529	ng	98
10) Phenol	6.516	94	888906	37.312	ng	99
11) bis(2-Chloroethyl)ether	6.598	93	788848	45.186	ng	98
12) 1,3-Dichlorobenzene	6.798	146	725003	41.950	ng	98
13) 1,4-Dichlorobenzene	6.875	146	740342	41.868	ng	100
14) 1,2-Dichlorobenzene	7.022	146	696933	42.941	ng	98
15) Benzyl Alcohol	7.004	79	696924	50.576	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	1203624	40.109	ng	95
17) 2-Methylphenol	7.116	107	594086	39.255	ng	95
18) Hexachloroethane	7.357	117	250846	43.083	ng	96
19) n-Nitroso-di-n-propyla...	7.275	70	561539	41.084	ng	99
20) 3+4-Methylphenols	7.269	107	692470	39.952	ng	96
22) Acetophenone	7.263	105	966979	45.040	ng	# 96
24) Nitrobenzene	7.439	77	860828	44.872	ng	96
25) Isophorone	7.675	82	1622577	44.722	ng	99
26) 2-Nitrophenol	7.751	139	378666	49.718	ng	96
27) 2,4-Dimethylphenol	7.792	122	526555	37.000	ng	99
28) bis(2-Chloroethoxy)met...	7.886	93	962605	45.219	ng	99
29) 2,4-Dichlorophenol	7.992	162	620495	47.507	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	624572	45.440	ng	99
31) Naphthalene	8.151	128	2027265	42.582	ng	100
32) Benzoic acid	7.916	122	274107	35.356	ng	98
33) 4-Chloroaniline	8.204	127	78251	4.192	ng	97
34) Hexachlorobutadiene	8.269	225	352914	43.491	ng	100
35) Caprolactam	8.580	113	181371m	40.952	ng	
36) 4-Chloro-3-methylphenol	8.692	107	672970	46.095	ng	98
37) 2-Methylnaphthalene	8.845	142	1289868	42.500	ng	99
38) 1-Methylnaphthalene	8.945	142	1200149	41.990	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	618839	45.807	ng	99
41) Hexachlorocyclopentadiene	8.992	237	475173	85.550	ng	100
43) 2,4,6-Trichlorophenol	9.127	196	426538	48.483	ng	99

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44) 2,4,5-Trichlorophenol	9.169	196	449444	44.348	ng	97
46) 1,1'-Biphenyl	9.310	154	1585506	44.765	ng	99
47) 2-Chloronaphthalene	9.333	162	1245374	46.119	ng	99
48) 2-Nitroaniline	9.439	65	450436	49.076	ng	99
49) Acenaphthylene	9.751	152	1994276	46.148	ng	99
50) Dimethylphthalate	9.622	163	1514969	44.973	ng	100
51) 2,6-Dinitrotoluene	9.680	165	332196	47.148	ng	99
52) Acenaphthene	9.922	154	1109354	42.999	ng	99
53) 3-Nitroaniline	9.851	138	167903	22.529	ng	97
54) 2,4-Dinitrophenol	9.957	184	238790	70.566	ng	94
55) Dibenzofuran	10.098	168	1688314	42.965	ng	100
56) 4-Nitrophenol	10.022	139	425960	80.317	ng	95
57) 2,4-Dinitrotoluene	10.086	165	412196	47.618	ng	92
58) Fluorene	10.445	166	1258764	41.711	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	369315m	45.444	ng	
60) Diethylphthalate	10.322	149	1418460	44.590	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	613886	41.507	ng	99
62) 4-Nitroaniline	10.474	138	270756	42.270	ng	97
63) Azobenzene	10.598	77	1607169	43.876	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	199818	45.774	ng	89
66) n-Nitrosodiphenylamine	10.563	169	1166106	46.236	ng	99
67) 4-Bromophenyl-phenylether	10.927	248	403666	47.319	ng	97
68) Hexachlorobenzene	10.992	284	425232	49.353	ng	92
69) Atrazine	11.092	200	361919	47.204	ng	96
70) Pentachlorophenol	11.192	266	425661	81.722	ng	99
71) Phenanthrene	11.410	178	1890258	44.346	ng	99
72) Anthracene	11.463	178	1935662	44.215	ng	100
73) Carbazole	11.621	167	1681006	44.828	ng	100
74) Di-n-butylphthalate	11.957	149	2067265	46.335	ng	99
75) Fluoranthene	12.604	202	1719396	41.267	ng	100
77) Benzidine	12.745	184	61963	6.680	ng	# 94
78) Pyrene	12.833	202	1708306	45.932	ng	99
80) Butylbenzylphthalate	13.468	149	599083	63.073	ng	100
81) Benzo(a)anthracene	14.033	228	1233753	46.441	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	262876	37.158	ng	97
83) Chrysene	14.074	228	1268980	47.261	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	786376	65.137	ng	# 98
85) Di-n-octyl phthalate	14.662	149	1416462	59.374	ng	98
87) Indeno(1,2,3-cd)pyrene	17.156	276	1345342	44.734	ng	98
88) Benzo(b)fluoranthene	15.121	252	1274773	47.154	ng	98
89) Benzo(k)fluoranthene	15.151	252	1265012	43.565	ng	99
90) Benzo(a)pyrene	15.509	252	1223287	45.918	ng	99
91) Dibenzo(a,h)anthracene	17.186	278	1077063	44.148	ng	98
92) Benzo(g,h,i)perylene	17.645	276	984282	39.285	ng	99

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

