

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
 Data File : BF138321.D
 Acq On : 24 Jun 2024 20:41
 Operator : CG\JU
 Sample : P3009-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204MS

Quant Time: Jun 25 01:18:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel
 06/25/2024

Supervised By :mohammad
 ahmed
 06/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	235399	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	832347	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	370938	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	606845	20.000	ng	0.00
76) Chrysene-d12	14.051	240	382267	20.000	ng	0.00
86) Perylene-d12	15.527	264	327277	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1163599	82.689	ng	0.00
7) Phenol-d6	6.522	99	1408323	78.925	ng	0.00
23) Nitrobenzene-d5	7.451	82	844869	59.092	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	330713	89.557	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1532953	65.715	ng	0.00
79) Terphenyl-d14	12.992	244	1629471	67.513	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	245229	38.080	ng	96
3) Pyridine	3.504	79	615689	40.227	ng	98
4) n-Nitrosodimethylamine	3.463	42	310345	43.813	ng	92
6) Aniline	6.551	93	366030	20.964	ng	99
8) 2-Chlorophenol	6.675	128	706773	46.457	ng	99
9) Benzaldehyde	6.439	77	148124	15.629	ng	95
10) Phenol	6.539	94	818598	45.206	ng	97
11) bis(2-Chloroethyl)ether	6.622	93	652324	45.010	ng	100
12) 1,3-Dichlorobenzene	6.828	146	743940	43.028	ng	99
13) 1,4-Dichlorobenzene	6.904	146	752557	43.252	ng	100
14) 1,2-Dichlorobenzene	7.057	146	713117	43.659	ng	99
15) Benzyl Alcohol	7.034	79	560925	46.622	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	829906	40.574	ng	95
17) 2-Methylphenol	7.145	107	537924	44.815	ng	98
18) Hexachloroethane	7.398	117	241911	41.039	ng	92
19) n-Nitroso-di-n-propyla...	7.304	70	444600	42.035	ng	97
20) 3+4-Methylphenols	7.292	107	624611	41.343	ng	93
22) Acetophenone	7.298	105	795816	41.854	ng	# 94
24) Nitrobenzene	7.469	77	664343	44.958	ng	97
25) Isophorone	7.710	82	1198473	46.342	ng	99
26) 2-Nitrophenol	7.786	139	349889	58.884	ng	97
27) 2,4-Dimethylphenol	7.822	122	445966	49.332	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	760699	46.990	ng	99
29) 2,4-Dichlorophenol	8.028	162	518975	44.590	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	602519	43.897	ng	99
31) Naphthalene	8.192	128	1779567	43.238	ng	99
32) Benzoic acid	7.933	122	280467m	35.201	ng	
33) 4-Chloroaniline	8.239	127	163578	10.634	ng	96
34) Hexachlorobutadiene	8.304	225	360182	44.868	ng	99
35) Caprolactam	8.610	113	144022	40.989	ng	96
36) 4-Chloro-3-methylphenol	8.722	107	495858	42.790	ng	96
37) 2-Methylnaphthalene	8.880	142	1117694	41.379	ng	99
38) 1-Methylnaphthalene	8.980	142	1030840	38.944	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	504056	46.502	ng	100
41) Hexachlorocyclopentadiene	9.033	237	144787	40.965	ng	97
43) 2,4,6-Trichlorophenol	9.163	196	343797	50.654	ng	98

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44) 2,4,5-Trichlorophenol	9.204	196	354864	47.611	ng	97
46) 1,1'-Biphenyl	9.345	154	1258972	46.254	ng	98
47) 2-Chloronaphthalene	9.375	162	1005514	46.743	ng	97
48) 2-Nitroaniline	9.469	65	277635	53.592	ng	90
49) Acenaphthylene	9.786	152	1485915	49.261	ng	98
50) Dimethylphthalate	9.645	163	1219521	53.658	ng	100
51) 2,6-Dinitrotoluene	9.710	165	253478	51.409	ng	89
52) Acenaphthene	9.963	154	892939	43.412	ng	99
53) 3-Nitroaniline	9.874	138	185559	35.229	ng	96
54) 2,4-Dinitrophenol	9.980	184	47974	27.459	ng	94
55) Dibenzofuran	10.133	168	1307391	45.468	ng	97
56) 4-Nitrophenol	10.039	139	362792	87.158	ng	94
57) 2,4-Dinitrotoluene	10.110	165	309162	50.838	ng	91
58) Fluorene	10.474	166	969561	42.886	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	264738	45.448	ng	100
60) Diethylphthalate	10.345	149	1100484	51.018	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	514521	45.697	ng	98
62) 4-Nitroaniline	10.486	138	208727	39.661	ng	98
63) Azobenzene	10.627	77	940045	43.500	ng	92
65) 4,6-Dinitro-2-methylph...	10.516	198	47016	19.942	ng	87
66) n-Nitrosodiphenylamine	10.586	169	879801	47.355	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	316514	46.287	ng	95
68) Hexachlorobenzene	11.021	284	353854	44.342	ng	95
69) Atrazine	11.110	200	269019	50.837	ng	98
70) Pentachlorophenol	11.216	266	404015	86.810	ng	98
71) Phenanthrene	11.439	178	1448255	48.258	ng	98
72) Anthracene	11.486	178	1444526	48.480	ng	98
73) Carbazole	11.645	167	1285455	47.037	ng	99
74) Di-n-butylphthalate	11.968	149	1568436	55.437	ng	99
75) Fluoranthene	12.627	202	1742299	56.933	ng	98
77) Benzidine	12.745	184	606466	137.161	ng	98
78) Pyrene	12.857	202	1746998	52.983	ng	98
80) Butylbenzylphthalate	13.468	149	687680	76.674	ng	95
81) Benzo(a)anthracene	14.045	228	1271024	51.827	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	377158	55.846	ng	100
83) Chrysene	14.080	228	1235327	52.846	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	950141	91.085	ng	98
85) Di-n-octyl phthalate	14.645	149	1537275	99.199	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.015	276	1053966	49.400	ng	99
88) Benzo(b)fluoranthene	15.098	252	1068746	55.376	ng	100
89) Benzo(k)fluoranthene	15.127	252	965782	51.060	ng	100
90) Benzo(a)pyrene	15.468	252	901242	54.356	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	825842	47.158	ng	98
92) Benzo(g,h,i)perylene	17.468	276	798082	44.053	ng	99

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

