

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
 Data File : BF136460.D
 Acq On : 07 Dec 2023 22:12
 Operator : CG\JU
 Sample : 05629-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-216MS

Quant Time: Dec 08 00:44:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/08/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	115707	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	414668	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	180237	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	244586	20.000	ng	0.00
76) Chrysene-d12	13.986	240	228403	20.000	ng	0.00
86) Perylene-d12	15.463	264	212595	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	775221	98.945	ng	0.02
7) Phenol-d6	6.451	99	918473	93.960	ng	0.00
23) Nitrobenzene-d5	7.363	82	548563	71.516	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	169248	76.158	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	906630	68.637	ng	0.00
79) Terphenyl-d14	12.922	244	817408	47.170	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	117676	37.973	ng	98
3) Pyridine	3.399	79	280015	37.312	ng	98
4) n-Nitrosodimethylamine	3.369	42	135216	41.472	ng	100
6) Aniline	6.469	93	192778	19.514	ng	# 1
8) 2-Chlorophenol	6.593	128	352194	41.176	ng	98
9) Benzaldehyde	6.351	77	137095	25.404	ng	97
10) Phenol	6.463	94	402331	38.679	ng	87
11) bis(2-Chloroethyl)ether	6.540	93	315436	40.684	ng	99
12) 1,3-Dichlorobenzene	6.740	146	374620	38.946	ng	97
13) 1,4-Dichlorobenzene	6.816	146	381435	39.091	ng	98
14) 1,2-Dichlorobenzene	6.969	146	358450	39.065	ng	99
15) Benzyl Alcohol	6.945	79	273744	41.820	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	387507	38.860	ng	95
17) 2-Methylphenol	7.063	107	269458	38.994	ng	95
18) Hexachloroethane	7.310	117	127120	37.314	ng	91
19) n-Nitroso-di-n-propyla...	7.216	70	219577	38.940	ng	99
20) 3+4-Methylphenols	7.216	107	329544	38.421	ng	# 88
22) Acetophenone	7.210	105	472872	46.180	ng	# 97
24) Nitrobenzene	7.387	77	323451	41.918	ng	93
25) Isophorone	7.622	82	583779	42.362	ng	97
26) 2-Nitrophenol	7.698	139	159687	42.095	ng	98
27) 2,4-Dimethylphenol	7.745	122	250041	53.455	ng	97
28) bis(2-Chloroethoxy)met...	7.840	93	378320	44.676	ng	98
29) 2,4-Dichlorophenol	7.945	162	259471	42.025	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	302544	42.024	ng	98
31) Naphthalene	8.116	128	5169620	226.071	ng	96
32) Benzoic acid	7.863	122	157480m	33.938	ng	
33) 4-Chloroaniline	8.151	127	66102	8.108	ng	97
34) Hexachlorobutadiene	8.216	225	174842	40.978	ng	99
35) Caprolactam	8.528	113	73265	38.533	ng	95
36) 4-Chloro-3-methylphenol	8.645	107	243042	37.074	ng	99
37) 2-Methylnaphthalene	8.804	142	2497690	171.687	ng	100
38) 1-Methylnaphthalene	8.898	142	1543479	108.120	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	268809	47.938	ng	100
41) Hexachlorocyclopentadiene	8.945	237	137509	66.193	ng	96
43) 2,4,6-Trichlorophenol	9.075	196	156083	42.749	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
 Data File : BF136460.D
 Acq On : 07 Dec 2023 22:12
 Operator : CG\JU
 Sample : 05629-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-216MS

Quant Time: Dec 08 00:44:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	157188	38.573	ng	96
46) 1,1'-Biphenyl	9.263	154	1374107	89.598	ng	100
47) 2-Chloronaphthalene	9.281	162	502124	42.066	ng	97
48) 2-Nitroaniline	9.386	65	132413	41.361	ng	93
49) Acenaphthylene	9.698	152	751295	44.183	ng	98
50) Dimethylphthalate	9.563	163	561189	42.291	ng	100
51) 2,6-Dinitrotoluene	9.634	165	111628	37.392	ng	90
52) Acenaphthene	9.881	154	2097795	192.523	ng	97
53) 3-Nitroaniline	9.798	138	73514	24.115	ng	95
54) 2,4-Dinitrophenol	9.916	184	29141	19.307	ng	# 71
55) Dibenzofuran	10.057	168	3155779	198.250	ng	98
56) 4-Nitrophenol	9.969	139	171192	74.910	ng	96
57) 2,4-Dinitrotoluene	10.039	165	136905	34.667	ng	# 72
58) Fluorene	10.404	166	2672350	209.136	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.169	232	111895	34.280	ng	# 77
60) Diethylphthalate	10.269	149	483976	37.091	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	200878	32.248	ng	98
62) 4-Nitroaniline	10.410	138	99603	32.905	ng	100
63) Azobenzene	10.545	77	397933	33.505	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.445	198	24140	15.937	ng	82
66) n-Nitrosodiphenylamine	10.504	169	522058	66.519	ng	90
67) 4-Bromophenyl-phenylether	10.875	248	127402	44.801	ng	100
68) Hexachlorobenzene	10.945	284	134271	40.853	ng	94
69) Atrazine	11.039	200	119358	53.284	ng	95
70) Pentachlorophenol	11.145	266	161382	87.001	ng	100
71) Phenanthrene	11.380	178	6176070	459.408	ng	97
72) Anthracene	11.416	178	1554359	114.793	ng	99
73) Carbazole	11.569	167	851180	71.024	ng	99
74) Di-n-butylphthalate	11.898	149	633174	43.097	ng	99
75) Fluoranthene	12.563	202	3670267	260.522	ng	98
77) Benzidine	12.680	184	321469	51.550	ng	98
78) Pyrene	12.792	202	2759285	123.354	ng	99
80) Butylbenzylphthalate	13.404	149	292011	36.671	ng	97
81) Benzo(a)anthracene	13.974	228	1353809	85.093	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	112149	25.141	ng	99
83) Chrysene	14.016	228	1126887	71.992	ng	98
84) Bis(2-ethylhexyl)phtha...	13.969	149	403718	41.357	ng	99
85) Di-n-octyl phthalate	14.580	149	778956	54.022	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	526418	35.642	ng	99
88) Benzo(b)fluoranthene	15.027	252	819313	56.366	ng	98
89) Benzo(k)fluoranthene	15.057	252	629764	45.973	ng	99
90) Benzo(a)pyrene	15.398	252	592426	49.352	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	430055	35.543	ng	97
92) Benzo(g,h,i)perylene	17.421	276	396639	31.938	ng	99

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

