

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060941.D
 Acq On : 18 Apr 2024 18:35
 Operator : MA/JU
 Sample : P2150-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ARCOLA-SP-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 19 00:46:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	53049	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	196755	20.000	ng	0.00
39) Acenaphthene-d10	14.571	164	162732	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	435331	20.000	ng	0.00
76) Chrysene-d12	21.574	240	416924	20.000	ng	0.00
86) Perylene-d12	24.688	264	364579	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	388090	127.072	ng	0.00
7) Phenol-d6	7.109	99	503805	114.509	ng	0.00
23) Nitrobenzene-d5	9.095	82	389242	89.811	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	369662	137.503	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	971719	87.626	ng	0.00
79) Terphenyl-d14	19.941	244	2091485	87.549	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.454	88	48876	39.588	ng	# 40
3) Pyridine	3.854	79	150717	38.369	ng	99
4) n-Nitrosodimethylamine	3.754	42	100851	40.234	ng	95
6) Aniline	7.273	93	23666	4.415	ng	98
8) 2-Chlorophenol	7.508	128	157710	45.391	ng	96
9) Benzaldehyde	7.080	77	8715	3.688	ng	# 84
10) Phenol	7.138	94	182907	41.481	ng	99
11) bis(2-Chloroethyl)ether	7.362	93	145539	42.553	ng	97
12) 1,3-Dichlorobenzene	7.832	146	162305	43.965	ng	97
13) 1,4-Dichlorobenzene	7.973	146	170114	45.012	ng	96
14) 1,2-Dichlorobenzene	8.290	146	164175	44.673	ng	100
15) Benzyl Alcohol	8.172	79	122720	32.425	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.460	45	344747	41.708	ng	99
17) 2-Methylphenol	8.384	107	139313	39.987	ng	97
18) Hexachloroethane	9.024	117	59270	44.166	ng	98
19) n-Nitroso-di-n-propyla...	8.742	70	134209	40.048	ng	95
20) 3+4-Methylphenols	8.707	107	191603	39.641	ng	97
22) Acetophenone	8.760	105	255521	45.604	ng	# 97
24) Nitrobenzene	9.136	77	191902	45.116	ng	96
25) Isophorone	9.659	82	355234	44.415	ng	98
26) 2-Nitrophenol	9.847	139	84695	47.397	ng	95
27) 2,4-Dimethylphenol	9.912	122	121062	38.453	ng	99
28) bis(2-Chloroethoxy)met...	10.147	93	194435	43.234	ng	100
29) 2,4-Dichlorophenol	10.382	162	160817	47.079	ng	99
30) 1,2,4-Trichlorobenzene	10.599	180	168710	46.076	ng	99
31) Naphthalene	10.787	128	472061	44.363	ng	99
32) Benzoic acid	10.041	122	113958	44.716	ng	93
34) Hexachlorobutadiene	11.075	225	118584	45.557	ng	98
35) Caprolactam	11.657	113	57392m	45.537	ng	
36) 4-Chloro-3-methylphenol	12.021	107	195116	47.260	ng	97
37) 2-Methylnaphthalene	12.391	142	349731	43.445	ng	99
38) 1-Methylnaphthalene	12.614	142	325010	42.767	ng	96
40) 1,2,4,5-Tetrachloroben...	12.761	216	230855	45.972	ng	98
41) Hexachlorocyclopentadiene	12.743	237	260925	101.618	ng	98
43) 2,4,6-Trichlorophenol	12.996	196	166457	47.669	ng	93
44) 2,4,5-Trichlorophenol	13.073	196	189627	45.030	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060941.D
 Acq On : 18 Apr 2024 18:35
 Operator : MA/JU
 Sample : P2150-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ARCOLA-SP-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 19 00:46:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.402	154	511689	46.245	ng	98
47) 2-Chloronaphthalene	13.443	162	404613	47.778	ng	99
48) 2-Nitroaniline	13.642	65	142850	41.106	ng	99
49) Acenaphthylene	14.289	152	688903	48.107	ng	98
50) Dimethylphthalate	14.030	163	601261	46.561	ng	99
51) 2,6-Dinitrotoluene	14.142	165	126259	47.972	ng	97
52) Acenaphthene	14.635	154	393942	45.359	ng	99
53) 3-Nitroaniline	14.465	138	20807	7.202	ng	99
54) 2,4-Dinitrophenol	14.677	184	177796	103.993	ng	96
55) Dibenzofuran	14.970	168	670531	45.704	ng	99
56) 4-Nitrophenol	14.782	139	221590	100.173	ng	98
57) 2,4-Dinitrotoluene	14.929	165	189653	50.426	ng	# 96
58) Fluorene	15.617	166	559901	46.009	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.194	232	189707	49.037	ng	98
60) Diethylphthalate	15.393	149	587845	45.449	ng	100
61) 4-Chlorophenyl-phenyle...	15.611	204	299050	44.332	ng	97
62) 4-Nitroaniline	15.628	138	63148	20.328	ng	90
63) Azobenzene	15.905	77	535974	43.967	ng	98
65) 4,6-Dinitro-2-methylph...	15.693	198	124756	51.367	ng	97
66) n-Nitrosodiphenylamine	15.828	169	194628	16.286	ng	97
67) 4-Bromophenyl-phenylether	16.510	248	213683	43.817	ng	94
68) Hexachlorobenzene	16.621	284	252325	47.550	ng	98
69) Atrazine	16.774	200	12329	2.871	ng	88
70) Pentachlorophenol	16.968	266	360226	100.237	ng	98
71) Phenanthrene	17.362	178	1020121	46.295	ng	100
72) Anthracene	17.450	178	1055597	46.637	ng	99
73) Carbazole	17.714	167	334924	16.984	ng	99
74) Di-n-butylphthalate	18.290	149	1129409	47.571	ng	100
75) Fluoranthene	19.371	202	1307110	46.604	ng	98
78) Pyrene	19.729	202	1337831	46.777	ng	99
80) Butylbenzylphthalate	20.634	149	505639	48.134	ng	95
81) Benzo(a)anthracene	21.557	228	1392153	47.286	ng	99
83) Chrysene	21.621	228	1325571	47.156	ng	99
84) Bis(2-ethylhexyl)phtha...	21.486	149	728055	46.870	ng	98
85) Di-n-octyl phthalate	22.673	149	1282863	47.863	ng	99
87) Indeno(1,2,3-cd)pyrene	28.243	276	1576118	62.517	ng	97
88) Benzo(b)fluoranthene	23.713	252	1373858	66.603	ng	99
89) Benzo(k)fluoranthene	23.778	252	1365743	64.720	ng	98
90) Benzo(a)pyrene	24.553	252	1135911	55.854	ng	98
91) Dibenzo(a,h)anthracene	28.308	278	1371025	66.066	ng	98
92) Benzo(g,h,i)perylene	29.336	276	1158840	57.118	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060941.D
 Acq On : 18 Apr 2024 18:35
 Operator : MA/JU
 Sample : P2150-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ARCOLA-SP-1MS

Quant Time: Apr 19 00:46:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

