

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041024\
 Data File : BG060853.D
 Acq On : 10 Apr 2024 17:12
 Operator : MA/JU
 Sample : P2022-01MS 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-04082024MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/12/2024
 Supervised By :mohammad ahmed 04/12/2024

Quant Time: Apr 11 02:21:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	77205	20.000	ng	-0.01
21) Naphthalene-d8	10.744	136	290179	20.000	ng	-0.01
39) Acenaphthene-d10	14.580	164	211144	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	464991	20.000	ng	-0.01
76) Chrysene-d12	21.584	240	418538	20.000	ng	-0.02
86) Perylene-d12	24.727	264	466379	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	35741	7.712	ng	0.00
7) Phenol-d6	7.112	99	49479	7.192	ng	0.00
23) Nitrobenzene-d5	9.098	82	31489	6.192	ng	-0.01
42) 2,4,6-Tribromophenol	16.061	330	22407	9.349	ng	-0.01
45) 2-Fluorobiphenyl	13.199	172	78153	5.432	ng	-0.02
79) Terphenyl-d14	19.944	244	128072	5.388	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	5931	3.121	ng	# 88
3) Pyridine	3.857	79	13250	2.312	ng	# 83
4) n-Nitrosodimethylamine	3.769	42	12398	3.619	ng	# 93
8) 2-Chlorophenol	7.512	128	16511	3.143	ng	90
10) Phenol	7.136	94	21844	3.111	ng	96
11) bis(2-Chloroethyl)ether	7.371	93	17174	3.030	ng	99
12) 1,3-Dichlorobenzene	7.841	146	19932	3.648	ng	96
13) 1,4-Dichlorobenzene	7.988	146	19882	3.567	ng	93
14) 1,2-Dichlorobenzene	8.299	146	19509	3.571	ng	95
15) Benzyl Alcohol	8.182	79	16027	2.876	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.470	45	40386	3.157	ng	99
17) 2-Methylphenol	8.387	107	14610	2.757	ng	97
18) Hexachloroethane	9.034	117	6443	3.254	ng	# 84
19) n-Nitroso-di-n-propyla...	8.746	70	14192	2.705	ng	# 96
20) 3+4-Methylphenols	8.711	107	18999	2.618	ng	92
22) Acetophenone	8.763	105	27472	3.433	ng	# 93
24) Nitrobenzene	9.140	77	19312	5.987	ng	97
25) Isophorone	9.662	82	37237	3.179	ng	98
26) 2-Nitrophenol	9.856	139	7380	6.976	ng	# 92
27) 2,4-Dimethylphenol	9.915	122	12415	2.639	ng	96
28) bis(2-Chloroethoxy)met...	10.156	93	20993	3.036	ng	# 95
29) 2,4-Dichlorophenol	10.391	162	15112	3.498	ng	97
30) 1,2,4-Trichlorobenzene	10.608	180	18936	3.870	ng	96
31) Naphthalene	10.796	128	53060	3.380	ng	98
32) Benzoic acid	9.980	122	7264	8.826	ng	# 85
34) Hexachlorobutadiene	11.084	225	13632	4.181	ng	98
35) Caprolactam	11.631	113	3918	2.290	ng	# 91
36) 4-Chloro-3-methylphenol	12.018	107	16909	3.064	ng	97
37) 2-Methylnaphthalene	12.400	142	35996	3.119	ng	97
38) 1-Methylnaphthalene	12.618	142	34826	3.194	ng	92
40) 1,2,4,5-Tetrachloroben...	12.771	216	23007	3.790	ng	96
43) 2,4,6-Trichlorophenol	13.006	196	13621	3.485	ng	92
44) 2,4,5-Trichlorophenol	13.076	196	15189	3.256	ng	93
46) 1,1'-Biphenyl	13.411	154	49591	3.325	ng	97
47) 2-Chloronaphthalene	13.452	162	38715	3.417	ng	98
48) 2-Nitroaniline	13.646	65	12053	6.229	ng	# 84

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49) Acenaphthylene	14.292	152	64450	3.385	ng	96
50) Dimethylphthalate	14.028	163	49679	2.977	ng	99
51) 2,6-Dinitrotoluene	14.145	165	8050	5.992	ng	95
52) Acenaphthene	14.639	154	36519	3.055	ng	91
53) 3-Nitroaniline	14.469	138	7646	5.045	ng	# 92
55) Dibenzofuran	14.974	168	62090	3.293	ng	99
56) 4-Nitrophenol	14.774	139	12773	5.235	ng	89
57) 2,4-Dinitrotoluene	14.933	165	10180	5.801	ng	# 91
58) Fluorene	15.626	166	51220	3.385	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.197	232	14370	3.535	ng	98
60) Diethylphthalate	15.397	149	49600	2.954	ng	98
61) 4-Chlorophenyl-phenyle...	15.620	204	27159	3.392	ng	91
62) 4-Nitroaniline	15.626	138	9789	3.208	ng	98
63) Azobenzene	15.914	77	47881	2.926	ng	96
65) 4,6-Dinitro-2-methylph...	15.685	198	406	7.214	ng	# 79
66) n-Nitrosodiphenylamine	15.832	169	43900	3.304	ng	99
67) 4-Bromophenyl-phenylether	16.513	248	18301	3.878	ng	97
68) Hexachlorobenzene	16.631	284	20220	3.796	ng	93
69) Atrazine	16.783	200	16467	3.544	ng	97
70) Pentachlorophenol	16.971	266	22422	6.451	ng	98
71) Phenanthrene	17.365	178	91500	3.784	ng	96
72) Anthracene	17.459	178	85652	3.488	ng	100
73) Carbazole	17.718	167	72781	3.361	ng	# 96
74) Di-n-butylphthalate	18.299	149	83954	3.110	ng	99
75) Fluoranthene	19.380	202	119077	4.058	ng	96
78) Pyrene	19.739	202	127968	4.372	ng	99
80) Butylbenzylphthalate	20.644	149	38453	3.601	ng	96
81) Benzo(a)anthracene	21.566	228	112854	3.825	ng	92
83) Chrysene	21.631	228	113376	3.987	ng	97
84) Bis(2-ethylhexyl)phtha...	21.507	149	57929	3.404	ng	# 93
85) Di-n-octyl phthalate	22.700	149	92015	3.319	ng	# 86
87) Indeno(1,2,3-cd)pyrene	28.270	276	88928m	2.708	ng	
88) Benzo(b)fluoranthene	23.734	252	104963	3.917	ng	# 77
89) Benzo(k)fluoranthene	23.793	252	107068	3.904	ng	# 76
90) Benzo(a)pyrene	24.574	252	94338	3.623	ng	# 79
91) Dibenzo(a,h)anthracene	28.352	278	70618m	2.551	ng	
92) Benzo(g,h,i)perylene	29.386	276	59071m	2.193	ng	

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

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