

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042024\
 Data File : BG060981.D
 Acq On : 21 Apr 2024 00:28
 Operator : MA/JU
 Sample : PB160349BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160349BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 22 04:38:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	19687	20.000	ng	0.00
21) Naphthalene-d8	10.735	136	75484	20.000	ng	# 0.00
39) Acenaphthene-d10	14.566	164	69402	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	179570	20.000	ng	0.00
76) Chrysene-d12	21.575	240	195909	20.000	ng	0.00
86) Perylene-d12	24.701	264	231838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	151654	155.818	ng	0.00
7) Phenol-d6	7.110	99	208868	144.637	ng	0.00
23) Nitrobenzene-d5	9.096	82	148426	88.345	ng	0.00
42) 2,4,6-Tribromophenol	16.058	330	207779	136.336	ng	0.00
45) 2-Fluorobiphenyl	13.191	172	434989	86.745	ng	0.00
79) Terphenyl-d14	19.942	244	1093191	86.616	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.443	88	11737	34.844	ng	92
3) Pyridine	3.825	79	34643	33.272	ng	92
4) n-Nitrosodimethylamine	3.743	42	39064	41.715	ng	98
6) Aniline	7.262	93	48832	28.136	ng	98
8) 2-Chlorophenol	7.503	128	61334	50.576	ng	93
9) Benzaldehyde	7.080	77	3313	4.460	ng	# 63
10) Phenol	7.133	94	71227	49.645	ng	96
11) bis(2-Chloroethyl)ether	7.356	93	46223	45.031	ng	91
12) 1,3-Dichlorobenzene	7.826	146	62593	46.543	ng	96
13) 1,4-Dichlorobenzene	7.973	146	63929	46.150	ng	96
14) 1,2-Dichlorobenzene	8.291	146	63301	46.759	ng	92
15) Benzyl Alcohol	8.173	79	62056	45.514	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.455	45	102562	45.899	ng	97
17) 2-Methylphenol	8.379	107	50741	43.800	ng	97
18) Hexachloroethane	9.019	117	22605	45.288	ng	97
19) n-Nitroso-di-n-propyla...	8.743	70	46384	43.100	ng	95
20) 3+4-Methylphenols	8.708	107	70664	43.615	ng	93
22) Acetophenone	8.761	105	95658	45.383	ng	# 92
24) Nitrobenzene	9.137	77	70722	43.807	ng	99
25) Isophorone	9.660	82	121081	43.064	ng	97
26) 2-Nitrophenol	9.848	139	36084	47.557	ng	95
27) 2,4-Dimethylphenol	9.906	122	45708	37.584	ng	95
28) bis(2-Chloroethoxy)met...	10.141	93	65407	44.222	ng	99
29) 2,4-Dichlorophenol	10.382	162	65830	46.900	ng	96
30) 1,2,4-Trichlorobenzene	10.600	180	72034	46.513	ng	98
31) Naphthalene	10.788	128	183630	44.435	ng	98
32) Benzoic acid	10.053	122	43700	47.160	ng	95
33) 4-Chloroaniline	10.888	127	34394	18.321	ng	98
34) Hexachlorobutadiene	11.076	225	60476	44.403	ng	94
35) Caprolactam	11.657	113	21224m	47.473	ng	
36) 4-Chloro-3-methylphenol	12.016	107	74318	45.398	ng	97
37) 2-Methylnaphthalene	12.392	142	140042	43.100	ng	96
38) 1-Methylnaphthalene	12.609	142	130947	43.187	ng	98
40) 1,2,4,5-Tetrachloroben...	12.762	216	111484	45.202	ng	98
41) Hexachlorocyclopentadiene	12.744	237	144409	99.509	ng	95
43) 2,4,6-Trichlorophenol	13.003	196	74678	46.061	ng	95

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44) 2,4,5-Trichlorophenol	13.073	196	83086	43.324	ng	97
46) 1,1'-Biphenyl	13.402	154	208826	44.670	ng	97
47) 2-Chloronaphthalene	13.443	162	163528	45.623	ng	98
48) 2-Nitroaniline	13.643	65	63625	43.982	ng	93
49) Acenaphthylene	14.289	152	281624	46.652	ng	99
50) Dimethylphthalate	14.025	163	246241	43.027	ng	100
51) 2,6-Dinitrotoluene	14.143	165	52052	43.590	ng	93
52) Acenaphthene	14.636	154	158949	43.334	ng	96
53) 3-Nitroaniline	14.466	138	32027	27.200	ng	99
54) 2,4-Dinitrophenol	14.677	184	73719	93.733	ng	99
55) Dibenzofuran	14.971	168	279019	44.051	ng	97
56) 4-Nitrophenol	14.789	139	85975	101.918	ng	98
57) 2,4-Dinitrotoluene	14.930	165	78933	45.896	ng	94
58) Fluorene	15.617	166	232380	43.466	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.194	232	88965	45.962	ng	99
60) Diethylphthalate	15.394	149	248134	44.026	ng	98
61) 4-Chlorophenyl-phenyle...	15.611	204	139469	42.299	ng	98
62) 4-Nitroaniline	15.635	138	55607	43.797	ng	99
63) Azobenzene	15.905	77	199446	43.507	ng	97
65) 4,6-Dinitro-2-methylph...	15.694	198	52693	47.523	ng	97
66) n-Nitrosodiphenylamine	15.829	169	219823	44.433	ng	98
67) 4-Bromophenyl-phenylether	16.510	248	103896	43.840	ng	98
68) Hexachlorobenzene	16.622	284	125613	47.986	ng	96
69) Atrazine	16.781	200	98676	53.292	ng	97
70) Pentachlorophenol	16.969	266	167757	97.732	ng	98
71) Phenanthrene	17.362	178	416579	45.449	ng	99
72) Anthracene	17.450	178	425448	45.069	ng	98
73) Carbazole	17.721	167	369524	47.133	ng	98
74) Di-n-butylphthalate	18.291	149	438327	46.050	ng	99
75) Fluoranthene	19.372	202	563310	46.309	ng	97
77) Benzidine	19.548	184	158143	43.566	ng	98
78) Pyrene	19.730	202	584094	43.787	ng	99
80) Butylbenzylphthalate	20.635	149	194752	43.803	ng	97
81) Benzo(a)anthracene	21.557	228	638371	46.347	ng	99
82) 3,3'-Dichlorobenzidine	21.475	252	167109	33.571	ng #	98
83) Chrysene	21.622	228	585287	44.632	ng	100
84) Bis(2-ethylhexyl)phtha...	21.487	149	283472	43.854	ng	98
85) Di-n-octyl phthalate	22.674	149	485240	45.215	ng	98
87) Indeno(1,2,3-cd)pyrene	28.250	276	782799	48.673	ng	99
88) Benzo(b)fluoranthene	23.714	252	632996	48.180	ng	99
89) Benzo(k)fluoranthene	23.784	252	611274	46.090	ng	99
90) Benzo(a)pyrene	24.554	252	579480	45.568	ng	98
91) Dibenzo(a,h)anthracene	28.320	278	637394	48.509	ng	98
92) Benzo(g,h,i)perylene	29.354	276	583666	44.800	ng #	97

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

