

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042024\
 Data File : BG060982.D
 Acq On : 21 Apr 2024 1:09
 Operator : MA/JU
 Sample : PB160393BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160393BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 22 04:38:52 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	7.935	152	20091	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	78262	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	71043	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	191330	20.000	ng	0.00
76) Chrysene-d12	21.578	240	194976	20.000	ng	0.00
86) Perylene-d12	24.698	264	235534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	130624	131.511	ng	0.00
7) Phenol-d6	7.107	99	186876	126.806	ng	0.00
23) Nitrobenzene-d5	9.093	82	131427	75.450	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	185557	118.943	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	385287	75.059	ng	0.00
79) Terphenyl-d14	19.939	244	968200	77.080	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.447	88	11393	33.143	ng	96
3) Pyridine	3.828	79	32648	30.726	ng	97
4) n-Nitrosodimethylamine	3.746	42	37214	38.940	ng	# 91
6) Aniline	7.260	93	44887	25.343	ng	95
8) 2-Chlorophenol	7.507	128	57605	46.546	ng	97
9) Benzaldehyde	7.072	77	2869	3.785	ng	# 79
10) Phenol	7.136	94	68783	46.977	ng	97
11) bis(2-Chloroethyl)ether	7.360	93	42476	40.548	ng	98
12) 1,3-Dichlorobenzene	7.830	146	59687	43.490	ng	95
13) 1,4-Dichlorobenzene	7.971	146	61696	43.643	ng	98
14) 1,2-Dichlorobenzene	8.288	146	59685	43.201	ng	96
15) Benzyl Alcohol	8.170	79	58828	42.279	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.458	45	95864	42.039	ng	98
17) 2-Methylphenol	8.376	107	48283	40.840	ng	96
18) Hexachloroethane	9.022	117	21523	42.253	ng	96
19) n-Nitroso-di-n-propyla...	8.740	70	41888	38.140	ng	98
20) 3+4-Methylphenols	8.705	107	66327	40.115	ng	98
22) Acetophenone	8.752	105	88930	40.694	ng	# 95
24) Nitrobenzene	9.134	77	67096	40.086	ng	95
25) Isophorone	9.657	82	116516	39.969	ng	97
26) 2-Nitrophenol	9.845	139	32934	41.865	ng	94
27) 2,4-Dimethylphenol	9.910	122	43754	34.700	ng	94
28) bis(2-Chloroethoxy)met...	10.145	93	61505	40.107	ng	95
29) 2,4-Dichlorophenol	10.380	162	61708	42.403	ng	94
30) 1,2,4-Trichlorobenzene	10.597	180	67915	42.297	ng	98
31) Naphthalene	10.785	128	174542	40.737	ng	99
32) Benzoic acid	10.045	122	41666	43.369	ng	94
33) 4-Chloroaniline	10.885	127	32008	16.445	ng	98
34) Hexachlorobutadiene	11.073	225	60097	42.559	ng	98
35) Caprolactam	11.649	113	19487m	42.040	ng	
36) 4-Chloro-3-methylphenol	12.019	107	71255	41.982	ng	95
37) 2-Methylnaphthalene	12.395	142	132877	39.443	ng	98
38) 1-Methylnaphthalene	12.612	142	124504	39.604	ng	98
40) 1,2,4,5-Tetrachloroben...	12.759	216	105003	41.591	ng	98
41) Hexachlorocyclopentadiene	12.747	237	136417	91.830	ng	98
43) 2,4,6-Trichlorophenol	13.000	196	70444	42.446	ng	99

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44) 2,4,5-Trichlorophenol	13.076	196	79792	40.645	ng	96
46) 1,1'-Biphenyl	13.400	154	197831	41.341	ng	99
47) 2-Chloronaphthalene	13.441	162	157093	42.815	ng	97
48) 2-Nitroaniline	13.641	65	60265	40.697	ng	99
49) Acenaphthylene	14.293	152	270758	43.816	ng	99
50) Dimethylphthalate	14.028	163	235575	40.212	ng	99
51) 2,6-Dinitrotoluene	14.140	165	47872	39.163	ng	94
52) Acenaphthene	14.633	154	150594	40.108	ng	99
53) 3-Nitroaniline	14.469	138	29386	24.380	ng	94
54) 2,4-Dinitrophenol	14.680	184	67793	84.772	ng	98
55) Dibenzofuran	14.968	168	261223	40.289	ng	96
56) 4-Nitrophenol	14.786	139	80960	93.757	ng	98
57) 2,4-Dinitrotoluene	14.927	165	77303	43.910	ng	98
58) Fluorene	15.621	166	219101	40.036	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.198	232	85568	43.186	ng	# 99
60) Diethylphthalate	15.397	149	238339	41.312	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	132416	39.232	ng	97
62) 4-Nitroaniline	15.632	138	51259	39.440	ng	96
63) Azobenzene	15.908	77	189471	40.377	ng	96
65) 4,6-Dinitro-2-methylph...	15.697	198	49306	41.735	ng	99
66) n-Nitrosodiphenylamine	15.826	169	208140	39.486	ng	97
67) 4-Bromophenyl-phenylether	16.508	248	100357	39.744	ng	97
68) Hexachlorobenzene	16.625	284	119201	42.738	ng	97
69) Atrazine	16.778	200	94564	47.932	ng	97
70) Pentachlorophenol	16.966	266	158774	86.813	ng	96
71) Phenanthrene	17.360	178	397372	40.689	ng	99
72) Anthracene	17.448	178	409589	40.722	ng	98
73) Carbazole	17.718	167	350184	41.921	ng	99
74) Di-n-butylphthalate	18.288	149	415114	40.931	ng	99
75) Fluoranthene	19.369	202	538373	41.538	ng	99
77) Benzidine	19.551	184	151451	41.922	ng	99
78) Pyrene	19.733	202	552691	41.631	ng	98
80) Butylbenzylphthalate	20.632	149	185232	41.861	ng	97
81) Benzo(a)anthracene	21.555	228	596809	43.537	ng	99
82) 3,3'-Dichlorobenzidine	21.478	252	154963	31.280	ng	97
83) Chrysene	21.625	228	553565	42.415	ng	99
84) Bis(2-ethylhexyl)phtha...	21.484	149	268049	41.666	ng	99
85) Di-n-octyl phthalate	22.671	149	455423	42.639	ng	98
87) Indeno(1,2,3-cd)pyrene	28.247	276	731182	44.750	ng	99
88) Benzo(b)fluoranthene	23.711	252	591409	44.308	ng	100
89) Benzo(k)fluoranthene	23.782	252	573149	42.537	ng	97
90) Benzo(a)pyrene	24.551	252	542841	42.017	ng	100
91) Dibenzo(a,h)anthracene	28.306	278	585912	43.891	ng	98
92) Benzo(g,h,i)perylene	29.352	276	546011	41.252	ng	97

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

