

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
 Data File : BG060829.D
 Acq On : 8 Apr 2024 17:12
 Operator : MA/JU
 Sample : PB160030BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160030BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 08 17:46:40 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	7.950	152	58136	20.000	ng	-0.01
21) Naphthalene-d8	10.747	136	235601	20.000	ng	-0.01
39) Acenaphthene-d10	14.578	164	181851	20.000	ng	-0.01
64) Phenanthrene-d10	17.327	188	461015	20.000	ng	-0.01
76) Chrysene-d12	21.593	240	443589	20.000	ng	-0.01
86) Perylene-d12	24.719	264	499436	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	477379	136.793	ng	0.00
7) Phenol-d6	7.116	99	651725	125.811	ng	0.00
23) Nitrobenzene-d5	9.102	82	428499	103.781	ng	-0.01
42) 2,4,6-Tribromophenol	16.070	330	367600	178.075	ng	0.00
45) 2-Fluorobiphenyl	13.203	172	1076531	86.881	ng	-0.02
79) Terphenyl-d14	19.954	244	2092333	83.056	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.455	88	50819	35.518	ng	97
3) Pyridine	3.837	79	130981	30.349	ng	96
4) n-Nitrosodimethylamine	3.755	42	115832	44.900	ng	91
6) Aniline	7.274	93	104619	15.993	ng	97
8) 2-Chlorophenol	7.515	128	192921	48.762	ng	97
9) Benzaldehyde	7.086	77	16788m	5.877	ng	
10) Phenol	7.145	94	241413	45.664	ng	98
11) bis(2-Chloroethyl)ether	7.368	93	172727	40.467	ng	99
12) 1,3-Dichlorobenzene	7.838	146	185921	45.189	ng	96
13) 1,4-Dichlorobenzene	7.985	146	193044	45.990	ng	98
14) 1,2-Dichlorobenzene	8.303	146	190225	46.244	ng	99
15) Benzyl Alcohol	8.185	79	190637	45.432	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.473	45	411837	42.754	ng	100
17) 2-Methylphenol	8.391	107	171429	42.954	ng	98
18) Hexachloroethane	9.031	117	68263	45.790	ng	# 88
19) n-Nitroso-di-n-propyla...	8.755	70	157788	39.942	ng	99
20) 3+4-Methylphenols	8.714	107	233837	42.787	ng	93
22) Acetophenone	8.767	105	300521	46.260	ng	# 97
24) Nitrobenzene	9.143	77	220903	48.061	ng	99
25) Isophorone	9.672	82	418804	44.039	ng	98
26) 2-Nitrophenol	9.854	139	96107	57.402	ng	91
27) 2,4-Dimethylphenol	9.918	122	160196	41.935	ng	98
28) bis(2-Chloroethoxy)met...	10.153	93	247891	44.152	ng	98
29) 2,4-Dichlorophenol	10.394	162	194884	55.554	ng	98
30) 1,2,4-Trichlorobenzene	10.606	180	195859	49.307	ng	98
31) Naphthalene	10.794	128	565400	44.364	ng	99
32) Benzoic acid	10.059	122	146709	56.337	ng	96
33) 4-Chloroaniline	10.900	127	82810	13.989	ng	96
34) Hexachlorobutadiene	11.088	225	136693	51.634	ng	96
35) Caprolactam	11.669	113	66892m	48.145	ng	
36) 4-Chloro-3-methylphenol	12.028	107	218648	48.791	ng	97
37) 2-Methylnaphthalene	12.404	142	404693	43.191	ng	98
38) 1-Methylnaphthalene	12.621	142	388761	43.920	ng	98
40) 1,2,4,5-Tetrachloroben...	12.768	216	261854	50.087	ng	100
41) Hexachlorocyclopentadiene	12.756	237	291996	109.842	ng	99
43) 2,4,6-Trichlorophenol	13.009	196	184606	54.838	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.085	196	204858	50.993	ng	98
46) 1,1'-Biphenyl	13.414	154	576041	44.846	ng	97
47) 2-Chloronaphthalene	13.455	162	458053	46.936	ng	98
48) 2-Nitroaniline	13.649	65	170855	53.038	ng	95
49) Acenaphthylene	14.301	152	784403	47.836	ng	99
50) Dimethylphthalate	14.037	163	649611	45.195	ng	99
51) 2,6-Dinitrotoluene	14.149	165	134221	51.852	ng	93
52) Acenaphthene	14.642	154	539939m	52.444	ng	
53) 3-Nitroaniline	14.478	138	83332	30.615	ng	# 95
54) 2,4-Dinitrophenol	14.683	184	168461	168.378	ng	90
55) Dibenzofuran	14.977	168	743740	45.798	ng	98
56) 4-Nitrophenol	14.789	139	248231	118.134	ng	99
57) 2,4-Dinitrotoluene	14.936	165	191120	56.045	ng	96
58) Fluorene	15.629	166	602665	46.240	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.200	232	197722	56.475	ng	97
60) Diethylphthalate	15.412	149	646712	44.721	ng	99
61) 4-Chlorophenyl-phenyle...	15.623	204	328121	47.586	ng	94
62) 4-Nitroaniline	15.641	138	141631	53.894	ng	96
63) Azobenzene	15.917	77	614538	43.610	ng	95
65) 4,6-Dinitro-2-methylph...	15.700	198	114148	58.239	ng	99
66) n-Nitrosodiphenylamine	15.841	169	580719	44.080	ng	97
67) 4-Bromophenyl-phenylether	16.522	248	226205	48.348	ng	97
68) Hexachlorobenzene	16.634	284	259030	49.043	ng	95
69) Atrazine	16.787	200	186736	40.534	ng	96
70) Pentachlorophenol	16.975	266	361678	104.947	ng	96
71) Phenanthrene	17.368	178	1057795	44.118	ng	100
72) Anthracene	17.457	178	1070260	43.954	ng	100
73) Carbazole	17.727	167	960692	44.748	ng	99
74) Di-n-butylphthalate	18.303	149	1130742	42.246	ng	99
75) Fluoranthene	19.384	202	1308739	44.983	ng	97
77) Benzidine	19.560	184	332976	28.507	ng	99
78) Pyrene	19.742	202	1360496	43.854	ng	100
80) Butylbenzylphthalate	20.647	149	513337	45.360	ng	96
81) Benzo(a)anthracene	21.569	228	1429255	45.709	ng	100
82) 3,3'-Dichlorobenzidine	21.487	252	374680	35.488	ng	98
83) Chrysene	21.634	228	1339675	44.451	ng	99
84) Bis(2-ethylhexyl)phtha...	21.511	149	759247	42.092	ng	95
85) Di-n-octyl phthalate	22.703	149	1314208	44.723	ng	100
87) Indeno(1,2,3-cd)pyrene	28.285	276	1717511	48.834	ng	98
88) Benzo(b)fluoranthene	23.737	252	1412240	49.220	ng	98
89) Benzo(k)fluoranthene	23.802	252	1401053	47.707	ng	98
90) Benzo(a)pyrene	24.578	252	1282850	46.007	ng	98
91) Dibenzo(a,h)anthracene	28.356	278	1418696	47.852	ng	# 96
92) Benzo(g,h,i)perylene	29.390	276	1342572	46.552	ng	97

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

