

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
 Data File : BG055549.D
 Acq On : 10 Nov 2022 21:39
 Operator : CG/JU
 Sample : N5495-08MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-29BMS

Manual Integrations
 APPROVED

Reviewed By : Christian
 Giraldo

Quant Time: Nov 11 02:02:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.270	152	45397	20.000	ng	0.00	
21) Naphthalene-d8	11.097	136	189238	20.000	ng	0.00	
39) Acenaphthene-d10	14.886	164	134254	20.000	ng	0.00	
64) Phenanthrene-d10	17.624	188	321652	20.000	ng	0.00	
76) Chrysene-d12	21.925	240	312818	20.000	ng	0.00	
86) Perylene-d12	25.345	264	337120	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	387829	162.722	ng	0.00	
7) Phenol-d6	7.407	99	508909	154.578	ng	0.00	
23) Nitrobenzene-d5	9.440	82	293579	105.170	ng	0.00	
42) 2,4,6-Tribromophenol	16.367	330	238908	182.383	ng	0.00	
45) 2-Fluorobiphenyl	13.517	172	728629	81.864	ng	0.00	
79) Terphenyl-d14	20.215	244	1285420	82.535	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.635	88	55285	45.668	ng		92
3) Pyridine	4.046	79	145357	43.184	ng		99
4) n-Nitrosodimethylamine	3.958	42	95799	52.289	ng		99
6) Aniline	7.583	93	189192	43.264	ng		100
8) 2-Chlorophenol	7.824	128	148722	55.737	ng		97
9) Benzaldehyde	7.395	77	98987	38.108	ng		96
10) Phenol	7.430	94	198144	52.280	ng		97
11) bis(2-Chloroethyl)ether	7.677	93	143499	47.027	ng		98
12) 1,3-Dichlorobenzene	8.159	146	167117	50.138	ng		97
13) 1,4-Dichlorobenzene	8.306	146	165840	49.163	ng		97
14) 1,2-Dichlorobenzene	8.629	146	160809	50.199	ng		98
15) Benzyl Alcohol	8.500	79	145306	50.612	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.793	45	287388	49.015	ng		100
17) 2-Methylphenol	8.699	107	136583	51.210	ng		98
18) Hexachloroethane	9.369	117	59453	53.089	ng		94
19) n-Nitroso-di-n-propyla...	9.075	70	122874	45.160	ng		96
20) 3+4-Methylphenols	9.028	107	185042	49.802	ng		95
22) Acetophenone	9.093	105	230970	45.882	ng	#	99
24) Nitrobenzene	9.487	77	170867	53.206	ng		99
25) Isophorone	10.004	82	339269	47.572	ng		100
26) 2-Nitrophenol	10.198	139	69503	64.573	ng	#	90
27) 2,4-Dimethylphenol	10.245	122	156852	61.515	ng		96
28) bis(2-Chloroethoxy)met...	10.485	93	196649	51.142	ng		98
29) 2,4-Dichlorophenol	10.732	162	152583	54.452	ng		97
30) 1,2,4-Trichlorobenzene	10.956	180	160720	45.789	ng		99
31) Naphthalene	11.149	128	467529	45.696	ng		99
32) Benzoic acid	10.362	122	95214	56.842	ng		95
33) 4-Chloroaniline	11.243	127	121505	28.412	ng		99
34) Hexachlorobutadiene	11.431	225	105853	45.217	ng		97
35) Caprolactam	12.013	113	52047m	54.486	ng		
36) 4-Chloro-3-methylphenol	12.342	107	171792	52.011	ng		96
37) 2-Methylnaphthalene	12.736	142	347071	45.150	ng		99
38) 1-Methylnaphthalene	12.953	142	326678	43.446	ng		100
40) 1,2,4,5-Tetrachloroben...	13.094	216	184811	46.084	ng		98
41) Hexachlorocyclopentadiene	13.077	237	251536	146.511	ng		96
43) 2,4,6-Trichlorophenol	13.323	196	129731	55.017	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.394	196	142751	52.881	ng	98	11/11/2022
46) 1,1'-Biphenyl	13.729	154	468331	47.682	ng	99	Supervised By :Jagrut Upadhyay
47) 2-Chloronaphthalene	13.776	162	348700	45.965	ng	98	
48) 2-Nitroaniline	13.964	65	112379	56.759	ng	98	
49) Acenaphthylene	14.616	152	589544	46.966	ng	98	
50) Dimethylphthalate	14.334	163	478689	46.923	ng	100	
51) 2,6-Dinitrotoluene	14.451	165	97902	54.161	ng	96	11/11/2022
52) Acenaphthene	14.951	154	402648	51.382	ng	98	
53) 3-Nitroaniline	14.780	138	75908	36.167	ng	99	
54) 2,4-Dinitrophenol	14.980	184	94269	148.620	ng	# 77	
55) Dibenzofuran	15.286	168	574803	45.881	ng	98	
56) 4-Nitrophenol	15.068	139	184744	122.299	ng	96	
57) 2,4-Dinitrotoluene	15.233	165	136955	57.076	ng	98	
58) Fluorene	15.932	166	454269	45.577	ng	98	
59) 2,3,4,6-Tetrachlorophenol	15.497	232	135482	54.148	ng	98	
60) Diethylphthalate	15.685	149	492972	47.501	ng	98	
61) 4-Chlorophenyl-phenyle...	15.914	204	246313	46.460	ng	99	
62) 4-Nitroaniline	15.938	138	110384	54.576	ng	96	
63) Azobenzene	16.208	77	463801	46.106	ng	98	
65) 4,6-Dinitro-2-methylph...	15.991	198	64863	58.272	ng	92	
66) n-Nitrosodiphenylamine	16.126	169	415853	46.151	ng	99	
67) 4-Bromophenyl-phenylether	16.807	248	162634	49.563	ng	98	
68) Hexachlorobenzene	16.931	284	177388	45.471	ng	98	
69) Atrazine	17.066	200	173880	53.321	ng	99	
70) Pentachlorophenol	17.266	266	235188	110.043	ng	100	
71) Phenanthrene	17.671	178	786565	45.501	ng	99	
72) Anthracene	17.759	178	804123	47.466	ng	99	
73) Carbazole	18.024	167	745125	48.667	ng	100	
74) Di-n-butylphthalate	18.570	149	891978	50.813	ng	99	
75) Fluoranthene	19.663	202	945507	45.866	ng	99	
77) Benzidine	19.833	184	577130	68.195	ng	100	
78) Pyrene	20.027	202	963204	45.496	ng	99	
80) Butylbenzylphthalate	20.897	149	396454	49.085	ng	99	
81) Benzo(a)anthracene	21.907	228	961833	44.889	ng	100	
82) 3,3'-Dichlorobenzidine	21.808	252	215210	30.775	ng	99	
83) Chrysene	21.978	228	907873	44.559	ng	99	
84) Bis(2-ethylhexyl)phtha...	21.796	149	577588	54.057	ng	100	
85) Di-n-octyl phthalate	23.082	149	980442	53.099	ng	99	
87) Indeno(1,2,3-cd)pyrene	29.287	276	1160145	45.183	ng	98	
88) Benzo(b)fluoranthene	24.252	252	1021567	47.826	ng	99	
89) Benzo(k)fluoranthene	24.328	252	1024864	46.932	ng	99	
90) Benzo(a)pyrene	25.186	252	921424	50.078	ng	99	
91) Dibenzo(a,h)anthracene	29.357	278	978401	46.033	ng	98	
92) Benzo(g,h,i)perylene	30.515	276	966989	46.541	ng	99	

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

Manual Integrations

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