

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
 Data File : BG055750.D
 Acq On : 22 Nov 2022 22:03
 Operator : CG/JU
 Sample : N5718-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-228MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/23/2022
 Supervised By : Jagrut Upadhyay 11/23/2022

Quant Time: Nov 23 01:41:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 01:35:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	38679	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	168999	20.000	ng	0.00
39) Acenaphthene-d10	14.869	164	119773	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	251883	20.000	ng	0.00
76) Chrysene-d12	21.914	240	228614	20.000	ng	0.00
86) Perylene-d12	25.321	264	249913	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.774	112	349190	163.181	ng	0.00
7) Phenol-d6	7.395	99	454313	159.490	ng	0.00
23) Nitrobenzene-d5	9.416	82	281406	88.010	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	226756	134.449	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	669418	83.731	ng	0.00
79) Terphenyl-d14	20.198	244	967219	84.621	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.606	88	37363	40.857	ng	98
3) Pyridine	4.017	79	105396	37.568	ng	99
4) n-Nitrosodimethylamine	3.929	42	67050	45.142	ng	91
6) Aniline	7.560	93	129570	36.214	ng	98
8) 2-Chlorophenol	7.807	128	135168	55.255	ng	99
9) Benzaldehyde	7.372	77	76211	39.395	ng	97
10) Phenol	7.419	94	171249	53.692	ng	100
11) bis(2-Chloroethyl)ether	7.648	93	120567	49.326	ng	100
12) 1,3-Dichlorobenzene	8.130	146	142097	49.406	ng	98
13) 1,4-Dichlorobenzene	8.282	146	144279	49.643	ng	98
14) 1,2-Dichlorobenzene	8.600	146	141545	50.823	ng	99
15) Benzyl Alcohol	8.476	79	121836m	52.628	ng	
16) 2,2'-oxybis(1-Chloropr...	8.764	45	217761	49.213	ng	98
17) 2-Methylphenol	8.682	107	121645	53.720	ng	98
18) Hexachloroethane	9.340	117	51709	51.693	ng	98
19) n-Nitroso-di-n-propyla...	9.046	70	102221	46.705	ng	99
20) 3+4-Methylphenols	9.011	107	165532	52.330	ng	96
22) Acetophenone	9.070	105	201867	45.968	ng	# 98
24) Nitrobenzene	9.458	77	156496	46.858	ng	98
25) Isophorone	9.980	82	289364	47.764	ng	99
26) 2-Nitrophenol	10.174	139	79579	51.616	ng	97
27) 2,4-Dimethylphenol	10.221	122	136147m	58.022	ng	
28) bis(2-Chloroethoxy)met...	10.456	93	166587	51.220	ng	100
29) 2,4-Dichlorophenol	10.715	162	143265	51.010	ng	99
30) 1,2,4-Trichlorobenzene	10.932	180	153955	47.183	ng	98
31) Naphthalene	11.126	128	427121	46.752	ng	99
32) Benzoic acid	10.374	122	97190	50.343	ng	97
33) 4-Chloroaniline	11.226	127	101967	27.057	ng	99
34) Hexachlorobutadiene	11.402	225	101256	45.446	ng	96
35) Caprolactam	12.002	113	45358m	46.669	ng	
36) 4-Chloro-3-methylphenol	12.331	107	154589	50.079	ng	98
37) 2-Methylnaphthalene	12.713	142	321087	46.940	ng	100
38) 1-Methylnaphthalene	12.930	142	302333	45.528	ng	99
40) 1,2,4,5-Tetrachloroben...	13.077	216	185642	49.322	ng	99
41) Hexachlorocyclopentadiene	13.047	237	136306	71.852	ng	99
43) 2,4,6-Trichlorophenol	13.312	196	126594	49.306	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
 Data File : BG055750.D
 Acq On : 22 Nov 2022 22:03
 Operator : CG/JU
 Sample : N5718-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-228MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/23/2022
 Supervised By : Jagrut Upadhyay 11/23/2022

Quant Time: Nov 23 01:41:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 01:35:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	136081	48.230	ng	98
46) 1,1'-Biphenyl	13.705	154	424884	48.680	ng	99
47) 2-Chloronaphthalene	13.752	162	326942	48.193	ng	99
48) 2-Nitroaniline	13.952	65	106890	47.924	ng	93
49) Acenaphthylene	14.593	152	526230	47.105	ng	99
50) Dimethylphthalate	14.311	163	413495	43.308	ng	99
51) 2,6-Dinitrotoluene	14.434	165	90436	46.324	ng	97
52) Acenaphthene	14.933	154	391601m	53.635	ng	
53) 3-Nitroaniline	14.769	138	78509	36.634	ng	100
54) 2,4-Dinitrophenol	14.975	184	90232	80.388	ng	97
55) Dibenzofuran	15.262	168	530091	47.063	ng	99
56) 4-Nitrophenol	15.074	139	154482	91.844	ng	99
57) 2,4-Dinitrotoluene	15.221	165	127585	46.353	ng	97
58) Fluorene	15.915	166	429415	47.734	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.486	232	120538	44.089	ng	98
60) Diethylphthalate	15.662	149	412517	42.734	ng	99
61) 4-Chlorophenyl-phenylether	15.891	204	220519	44.594	ng	96
62) 4-Nitroaniline	15.926	138	90914	40.582	ng	98
63) Azobenzene	16.191	77	403094	47.831	ng	98
65) 4,6-Dinitro-2-methylph...	15.985	198	62597	44.506	ng	98
66) n-Nitrosodiphenylamine	16.109	169	355683	51.239	ng	99
67) 4-Bromophenyl-phenylether	16.790	248	143449	49.984	ng	99
68) Hexachlorobenzene	16.913	284	155917	48.995	ng	100
69) Atrazine	17.049	200	141232	51.443	ng	100
70) Pentachlorophenol	17.260	266	187014	96.068	ng	99
71) Phenanthrene	17.654	178	827578	60.884	ng	99
72) Anthracene	17.748	178	705131	53.391	ng	99
73) Carbazole	18.012	167	579912	48.843	ng	99
74) Di-n-butylphthalate	18.547	149	677388	45.948	ng	100
75) Fluoranthene	19.651	202	1075653	65.047	ng	98
77) Benzidine	19.822	184	183340	34.665	ng	98
78) Pyrene	20.010	202	1012098	65.404	ng	98
80) Butylbenzylphthalate	20.874	149	291902	48.185	ng	98
81) Benzo(a)anthracene	21.890	228	863560	54.843	ng	98
82) 3,3'-Dichlorobenzidine	21.790	252	197376	35.673	ng	98
83) Chrysene	21.961	228	805909	53.763	ng	100
84) Bis(2-ethylhexyl)phtha...	21.761	149	460926	52.943	ng	100
85) Di-n-octyl phthalate	23.030	149	732897	49.191	ng	99
87) Indeno(1,2,3-cd)pyrene	29.252	276	942606	46.040	ng	# 93
88) Benzo(b)fluoranthene	24.234	252	924137	56.780	ng	98
89) Benzo(k)fluoranthene	24.305	252	829513	51.130	ng	98
90) Benzo(a)pyrene	25.163	252	797041	57.067	ng	99
91) Dibenzo(a,h)anthracene	29.322	278	761230	45.500	ng	100
92) Benzo(g,h,i)perylene	30.498	276	761599	45.166	ng	98

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

