

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
 Data File : BG053648.D
 Acq On : 20 May 2022 17:45
 Operator : CG/JU
 Sample : N2872-17MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P022-SS002-0006-01MSD

Quant Time: May 23 01:32:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/23/2022
 Supervised By : Jagrut Upadhyay 05/23/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.072	152	31478	20.000	ng	0.00
21) Naphthalene-d8	10.880	136	123986	20.000	ng	# 0.00
39) Acenaphthene-d10	14.698	164	89408	20.000	ng	0.00
64) Phenanthrene-d10	17.441	188	201551	20.000	ng	0.00
76) Chrysene-d12	21.724	240	182455	20.000	ng	0.00
86) Perylene-d12	24.990	264	184457	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	235607	127.027	ng	0.00
7) Phenol-d6	7.238	99	346185	122.983	ng	0.00
23) Nitrobenzene-d5	9.235	82	235389	80.817	ng	0.00
42) 2,4,6-Tribromophenol	16.190	330	147630	111.954	ng	0.00
45) 2-Fluorobiphenyl	13.318	172	495882	81.047	ng	0.00
79) Terphenyl-d14	20.044	244	801821	81.849	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.507	88	37909	38.954	ng	94
3) Pyridine	3.907	79	91547	38.520	ng	98
4) n-Nitrosodimethylamine	3.825	42	54104	46.733	ng	87
6) Aniline	7.390	93	126551	40.591	ng	96
8) 2-Chlorophenol	7.637	128	106398	54.873	ng	98
9) Benzaldehyde	7.202	77	86925m	48.608	ng	
10) Phenol	7.267	94	147923	53.730	ng	96
11) bis(2-Chloroethyl)ether	7.478	93	103624	50.468	ng	97
12) 1,3-Dichlorobenzene	7.954	146	113682	49.698	ng	94
13) 1,4-Dichlorobenzene	8.101	146	113626	49.225	ng	95
14) 1,2-Dichlorobenzene	8.424	146	109836	50.672	ng	95
15) Benzyl Alcohol	8.307	79	113685	48.307	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.595	45	169025	50.579	ng	99
17) 2-Methylphenol	8.518	107	98417	52.890	ng	96
18) Hexachloroethane	9.153	117	43554	49.687	ng	96
19) n-Nitroso-di-n-propyla...	8.871	70	96400	47.731	ng	98
20) 3+4-Methylphenols	8.847	107	134251	51.085	ng	98
22) Acetophenone	8.894	105	168636	49.696	ng	97
24) Nitrobenzene	9.276	77	145148	51.488	ng	96
25) Isophorone	9.799	82	260709	53.186	ng	99
26) 2-Nitrophenol	9.993	139	60477	52.968	ng	92
27) 2,4-Dimethylphenol	10.051	122	105653	61.487	ng	94
28) bis(2-Chloroethoxy)met...	10.275	93	140974	50.005	ng	98
29) 2,4-Dichlorophenol	10.533	162	112318	54.160	ng	93
30) 1,2,4-Trichlorobenzene	10.745	180	117361	49.809	ng	99
31) Naphthalene	10.927	128	325468	51.605	ng	99
32) Benzoic acid	10.233	122	50112m	46.893	ng	
33) 4-Chloroaniline	11.038	127	45513	17.231	ng	97
34) Hexachlorobutadiene	11.214	225	82905	47.450	ng	95
35) Caprolactam	11.814	113	35356m	46.915	ng	
36) 4-Chloro-3-methylphenol	12.166	107	125624	50.642	ng	96
37) 2-Methylnaphthalene	12.530	142	233631	49.638	ng	99
38) 1-Methylnaphthalene	12.748	142	224415	48.870	ng	100
40) 1,2,4,5-Tetrachloroben...	12.900	216	144211	51.170	ng	98
41) Hexachlorocyclopentadiene	12.877	237	135345	113.716	ng	97
43) 2,4,6-Trichlorophenol	13.141	196	95466	51.894	ng	95

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44) 2,4,5-Trichlorophenol	13.224	196	104512	53.380	ng	97
46) 1,1'-Biphenyl	13.529	154	317683	52.127	ng	99
47) 2-Chloronaphthalene	13.576	162	247482	51.831	ng	100
48) 2-Nitroaniline	13.782	65	93185	52.375	ng	96
49) Acenaphthylene	14.422	152	410958	53.936	ng	99
50) Dimethylphthalate	14.146	163	322550	47.475	ng	100
51) 2,6-Dinitrotoluene	14.269	165	70830	51.171	ng	99
52) Acenaphthene	14.763	154	229963	50.644	ng	98
53) 3-Nitroaniline	14.604	138	50030	33.451	ng	94
54) 2,4-Dinitrophenol	14.816	184	82384	92.689	ng	98
55) Dibenzofuran	15.097	168	389243	47.724	ng	98
56) 4-Nitrophenol	14.927	139	107286	100.433	ng	94
57) 2,4-Dinitrotoluene	15.062	165	97653	48.671	ng	92
58) Fluorene	15.744	166	319579	48.827	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.327	232	94179	47.409	ng	98
60) Diethylphthalate	15.503	149	329705	46.979	ng	97
61) 4-Chlorophenyl-phenyle...	15.726	204	171953	47.081	ng	97
62) 4-Nitroaniline	15.767	138	73982	47.692	ng	89
63) Azobenzene	16.026	77	342915	47.716	ng	97
65) 4,6-Dinitro-2-methylph...	15.832	198	59094	49.204	ng	98
66) n-Nitrosodiphenylamine	15.943	169	278061	52.546	ng	99
67) 4-Bromophenyl-phenylether	16.625	248	119285	50.676	ng	97
68) Hexachlorobenzene	16.754	284	128369	49.795	ng	100
69) Atrazine	16.889	200	113349	50.881	ng	99
70) Pentachlorophenol	17.101	266	133722	95.372	ng	96
71) Phenanthrene	17.482	178	514367	50.190	ng	97
72) Anthracene	17.576	178	517490	51.372	ng	100
73) Carbazole	17.847	167	468974	47.503	ng	99
74) Di-n-butylphthalate	18.393	149	541430	48.763	ng	99
75) Fluoranthene	19.492	202	610869	46.034	ng	97
77) Benzidine	19.668	184	188644	47.970	ng	99
78) Pyrene	19.856	202	608691	51.535	ng	99
80) Butylbenzylphthalate	20.725	149	234593	54.165	ng	93
81) Benzo(a)anthracene	21.706	228	589317	50.640	ng	99
82) 3,3'-Dichlorobenzidine	21.612	252	126084	42.724	ng	96
83) Chrysene	21.771	228	540332	49.714	ng	98
84) Bis(2-ethylhexyl)phtha...	21.589	149	330161	55.230	ng	97
85) Di-n-octyl phthalate	22.811	149	556780	55.080	ng	99
87) Indeno(1,2,3-cd)pyrene	28.750	276	639336	49.765	ng	# 98
88) Benzo(b)fluoranthene	23.956	252	580453	53.163	ng	# 99
89) Benzo(k)fluoranthene	24.021	252	570292	53.154	ng	98
90) Benzo(a)pyrene	24.837	252	558895	60.141	ng	# 99
91) Dibenzo(a,h)anthracene	28.791	278	559363	52.840	ng	97
92) Benzo(g,h,i)perylene	29.913	276	547532	52.180	ng	95

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

