

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057859.D
 Acq On : 24 Jun 2023 2:58
 Operator : CG/JU
 Sample : 03333-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DOMINICK-SPMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 25 01:42:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	46743	20.000	ng	0.00
21) Naphthalene-d8	10.725	136	199918	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	133452	20.000	ng	0.00
64) Phenanthrene-d10	17.306	188	285888	20.000	ng	0.00
76) Chrysene-d12	21.559	240	229304	20.000	ng	0.00
86) Perylene-d12	24.715	264	294728	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	276376	91.168	ng	0.00
7) Phenol-d6	7.088	99	410748	88.798	ng	0.00
23) Nitrobenzene-d5	9.086	82	252018	64.699	ng	0.00
42) 2,4,6-Tribromophenol	16.048	330	153110	82.363	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	560231	63.673	ng	0.00
79) Terphenyl-d14	19.914	244	830179	67.509	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.398	88	54873	39.765	ng	91
3) Pyridine	3.786	79	151483	36.042	ng	92
4) n-Nitrosodimethylamine	3.704	42	80499	41.917	ng	93
6) Aniline	7.247	93	180616	30.495	ng	98
8) 2-Chlorophenol	7.488	128	170754	54.752	ng	99
9) Benzaldehyde	7.059	77	94941m	32.642	ng	
10) Phenol	7.118	94	232230	50.990	ng	96
11) bis(2-Chloroethyl)ether	7.341	93	161811	46.210	ng	97
12) 1,3-Dichlorobenzene	7.811	146	170390	53.686	ng	97
13) 1,4-Dichlorobenzene	7.958	146	170628	53.058	ng	97
14) 1,2-Dichlorobenzene	8.275	146	168355	54.103	ng	96
15) Benzyl Alcohol	8.158	79	162338	45.898	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.451	45	271698m	40.392	ng	
17) 2-Methylphenol	8.363	107	158163	47.217	ng	96
18) Hexachloroethane	9.004	117	62107	54.770	ng	94
19) n-Nitroso-di-n-propyla...	8.727	70	130874	40.583	ng	92
20) 3+4-Methylphenols	8.692	107	218115	47.139	ng	98
22) Acetophenone	8.745	105	269184	48.016	ng	# 95
24) Nitrobenzene	9.127	77	197528	48.724	ng	95
25) Isophorone	9.650	82	380535	42.760	ng	98
26) 2-Nitrophenol	9.838	139	90175	69.916	ng	98
27) 2,4-Dimethylphenol	9.897	122	163703	51.266	ng	98
28) bis(2-Chloroethoxy)met...	10.132	93	220813	46.074	ng	98
29) 2,4-Dichlorophenol	10.373	162	165370	54.536	ng	99
30) 1,2,4-Trichlorobenzene	10.590	180	183238	54.212	ng	97
31) Naphthalene	10.778	128	524493	49.294	ng	99
32) Benzoic acid	10.049	122	138422	58.878	ng	97
33) 4-Chloroaniline	10.884	127	135021	27.387	ng	97
34) Hexachlorobutadiene	11.060	225	112103	54.363	ng	99
35) Caprolactam	11.671	113	55499m	45.103	ng	
36) 4-Chloro-3-methylphenol	12.012	107	194596	49.138	ng	100
37) 2-Methylnaphthalene	12.388	142	361961	46.671	ng	98
38) 1-Methylnaphthalene	12.605	142	338708	46.264	ng	99
40) 1,2,4,5-Tetrachloroben...	12.752	216	209322	56.579	ng	99
41) Hexachlorocyclopentadiene	12.729	237	118678	60.422	ng	98
43) 2,4,6-Trichlorophenol	12.993	196	147348	55.623	ng	98

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44) 2,4,5-Trichlorophenol	13.064	196	157325	50.949	ng	98
46) 1,1'-Biphenyl	13.393	154	469396	51.226	ng	98
47) 2-Chloronaphthalene	13.434	162	367863	52.256	ng	99
48) 2-Nitroaniline	13.639	65	135375	54.114	ng	94
49) Acenaphthylene	14.280	152	588090	48.671	ng	99
50) Dimethylphthalate	14.015	163	458085	44.692	ng	100
51) 2,6-Dinitrotoluene	14.133	165	102858	54.495	ng	93
52) Acenaphthene	14.626	154	381678m	51.025	ng	
53) 3-Nitroaniline	14.462	138	92008	43.255	ng	96
54) 2,4-Dinitrophenol	14.668	184	61163	62.180	ng	99
55) Dibenzofuran	14.955	168	576402	47.923	ng	99
56) 4-Nitrophenol	14.773	139	173919	102.884	ng	98
57) 2,4-Dinitrotoluene	14.920	165	142600	55.712	ng	95
58) Fluorene	15.608	166	445354	46.776	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.185	232	137154	52.119	ng	99
60) Diethylphthalate	15.378	149	460259	43.769	ng	97
61) 4-Chlorophenyl-phenyle...	15.596	204	238850	47.181	ng	98
62) 4-Nitroaniline	15.625	138	94753	43.695	ng	99
63) Azobenzene	15.890	77	507552	47.186	ng	98
65) 4,6-Dinitro-2-methylph...	15.684	198	49328	38.715	ng	93
66) n-Nitrosodiphenylamine	15.813	169	386996	51.289	ng	99
67) 4-Bromophenyl-phenylether	16.489	248	158854	52.394	ng	96
68) Hexachlorobenzene	16.606	284	172885	55.934	ng	98
69) Atrazine	16.759	200	154927	59.814	ng	97
70) Pentachlorophenol	16.953	266	223939	98.071	ng	98
71) Phenanthrene	17.347	178	852719	61.603	ng	100
72) Anthracene	17.435	178	732146	51.798	ng	99
73) Carbazole	17.705	167	665035	51.029	ng	100
74) Di-n-butylphthalate	18.263	149	787599	51.039	ng	100
75) Fluoranthene	19.356	202	1038065	62.950	ng	100
77) Benzidine	19.538	184	375230	69.809	ng	99
78) Pyrene	19.720	202	1036382	63.359	ng	99
80) Butylbenzylphthalate	20.608	149	341293	54.849	ng	95
81) Benzo(a)anthracene	21.542	228	910838	57.896	ng	100
82) 3,3'-Dichlorobenzidine	21.460	252	274960	51.386	ng	99
83) Chrysene	21.606	228	839726	55.618	ng	98
84) Bis(2-ethylhexyl)phtha...	21.448	149	525633	58.182	ng	100
85) Di-n-octyl phthalate	22.641	149	872517	55.062	ng	96
87) Indeno(1,2,3-cd)pyrene	28.316	276	1014053	52.624	ng	# 93
88) Benzo(b)fluoranthene	23.716	252	965226	59.763	ng	97
89) Benzo(k)fluoranthene	23.780	252	865164	52.596	ng	99
90) Benzo(a)pyrene	24.574	252	859874	54.211	ng	98
91) Dibenzo(a,h)anthracene	28.387	278	842318	52.683	ng	99
92) Benzo(g,h,i)perylene	29.444	276	815448	50.937	ng	98

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

