

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057852.D
 Acq On : 23 Jun 2023 22:00
 Operator : CG/JU
 Sample : 03357-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SCAN-02MSD

Manual Integrations
 APPROVED

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

Quant Time: Jun 25 01:39:45 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	7.920	152	43810	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	182141	20.000	ng	0.00
39) Acenaphthene-d10	14.554	164	121191	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	301055	20.000	ng	0.00
76) Chrysene-d12	21.557	240	254475	20.000	ng	0.00
86) Perylene-d12	24.701	264	324742	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.494	112	278015	97.848	ng	0.00
7) Phenol-d6	7.086	99	384842	88.768	ng	0.00
23) Nitrobenzene-d5	9.084	82	227500	64.105	ng	0.00
42) 2,4,6-Tribromophenol	16.046	330	138346	81.950	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	496585	62.149	ng	0.00
79) Terphenyl-d14	19.912	244	895328	65.605	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.396	88	52010	40.213	ng	91
3) Pyridine	3.790	79	137893	35.005	ng	94
4) n-Nitrosodimethylamine	3.708	42	72384	40.215	ng	84
6) Aniline	7.245	93	189778	34.188	ng	98
8) 2-Chlorophenol	7.486	128	143939	49.244	ng	97
9) Benzaldehyde	7.057	77	81483m	29.891	ng	
10) Phenol	7.110	94	202032	47.330	ng	98
11) bis(2-Chloroethyl)ether	7.339	93	140048	42.673	ng	98
12) 1,3-Dichlorobenzene	7.809	146	145392	48.876	ng	96
13) 1,4-Dichlorobenzene	7.956	146	145486	48.268	ng	98
14) 1,2-Dichlorobenzene	8.273	146	140886	48.306	ng	96
15) Benzyl Alcohol	8.155	79	140710	42.447	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.449	45	232103	36.815	ng	96
17) 2-Methylphenol	8.361	107	132520	42.210	ng	97
18) Hexachloroethane	9.001	117	52658	49.546	ng	99
19) n-Nitroso-di-n-propyla...	8.725	70	113104	37.420	ng	93
20) 3+4-Methylphenols	8.690	107	183484	42.309	ng	97
22) Acetophenone	8.743	105	227438	44.529	ng	# 96
24) Nitrobenzene	9.125	77	164962	44.662	ng	97
25) Isophorone	9.648	82	325585	40.156	ng	98
26) 2-Nitrophenol	9.836	139	75414	64.178	ng	99
27) 2,4-Dimethylphenol	9.895	122	137869	47.390	ng	98
28) bis(2-Chloroethoxy)met...	10.130	93	188780	43.235	ng	99
29) 2,4-Dichlorophenol	10.370	162	136179	49.292	ng	98
30) 1,2,4-Trichlorobenzene	10.588	180	147914	48.033	ng	96
31) Naphthalene	10.776	128	429441	44.300	ng	99
32) Benzoic acid	10.041	122	119278	55.687	ng	97
33) 4-Chloroaniline	10.882	127	119487	26.602	ng	98
34) Hexachlorobutadiene	11.058	225	90900	48.383	ng	99
35) Caprolactam	11.663	113	52542m	46.868	ng	
36) 4-Chloro-3-methylphenol	12.004	107	164792	45.673	ng	98
37) 2-Methylnaphthalene	12.380	142	296402	41.948	ng	98
38) 1-Methylnaphthalene	12.603	142	279240	41.864	ng	98
40) 1,2,4,5-Tetrachloroben...	12.750	216	165225	49.178	ng	99
41) Hexachlorocyclopentadiene	12.727	237	207067	116.089	ng	99
43) 2,4,6-Trichlorophenol	12.985	196	124736	51.851	ng	98

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44) 2,4,5-Trichlorophenol	13.061	196	138324	49.328	ng	95
46) 1,1'-Biphenyl	13.390	154	388569	46.696	ng	97
47) 2-Chloronaphthalene	13.432	162	305458	47.781	ng	97
48) 2-Nitroaniline	13.637	65	117104	51.546	ng	96
49) Acenaphthylene	14.278	152	503382	45.875	ng	99
50) Dimethylphthalate	14.013	163	405029	43.513	ng	100
51) 2,6-Dinitrotoluene	14.131	165	91844	53.582	ng	92
52) Acenaphthene	14.624	154	353512m	52.040	ng	
53) 3-Nitroaniline	14.460	138	80027	41.429	ng	95
54) 2,4-Dinitrophenol	14.665	184	115805	123.784	ng	98
55) Dibenzofuran	14.953	168	493083	45.143	ng	99
56) 4-Nitrophenol	14.771	139	171306	111.590	ng	93
57) 2,4-Dinitrotoluene	14.918	165	131282	56.479	ng	93
58) Fluorene	15.605	166	392824	45.433	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.177	232	127467	53.338	ng	98
60) Diethylphthalate	15.376	149	423555	44.354	ng	98
61) 4-Chlorophenyl-phenyle...	15.594	204	210563	45.801	ng	99
62) 4-Nitroaniline	15.629	138	101960	51.775	ng	98
63) Azobenzene	15.888	77	438596	44.900	ng	98
65) 4,6-Dinitro-2-methylph...	15.682	198	83129	58.768	ng	87
66) n-Nitrosodiphenylamine	15.811	169	351840	44.280	ng	97
67) 4-Bromophenyl-phenylether	16.487	248	145171	45.468	ng	95
68) Hexachlorobenzene	16.604	284	164648	50.585	ng	97
69) Atrazine	16.757	200	151671	55.607	ng	99
70) Pentachlorophenol	16.951	266	218051	90.681	ng	97
71) Phenanthrene	17.345	178	659458	45.241	ng	100
72) Anthracene	17.433	178	669226	44.961	ng	98
73) Carbazole	17.703	167	645223	47.014	ng	99
74) Di-n-butylphthalate	18.261	149	772613	47.545	ng	99
75) Fluoranthene	19.354	202	798080	45.959	ng	100
77) Benzidine	19.536	184	438657	73.536	ng	99
78) Pyrene	19.718	202	816652	44.987	ng	98
80) Butylbenzylphthalate	20.606	149	339485	49.162	ng	95
81) Benzo(a)anthracene	21.534	228	817430	46.819	ng	99
82) 3,3'-Dichlorobenzidine	21.457	252	215646	36.315	ng	99
83) Chrysene	21.598	228	755445	45.086	ng	99
84) Bis(2-ethylhexyl)phtha...	21.446	149	488693	48.742	ng	99
85) Di-n-octyl phthalate	22.633	149	882384	50.177	ng	97
87) Indeno(1,2,3-cd)pyrene	28.302	276	1024232	48.240	ng	# 94
88) Benzo(b)fluoranthene	23.708	252	855547	48.077	ng	98
89) Benzo(k)fluoranthene	23.772	252	849020	46.844	ng	99
90) Benzo(a)pyrene	24.560	252	763193	43.669	ng	98
91) Dibenzo(a,h)anthracene	28.361	278	846131	48.030	ng	99
92) Benzo(g,h,i)perylene	29.419	276	845377	47.926	ng	98

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

