

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
 Data File : BG057926.D
 Acq On : 30 Jun 2023 19:46
 Operator : CG/JU
 Sample : 03358-06MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4-(22-26)MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/05/2023

Quant Time: Jul 01 02:18:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.914	152	39910	20.000	ng	-0.01
21) Naphthalene-d8	10.717	136	169287	20.000	ng	-0.01
39) Acenaphthene-d10	14.547	164	126264	20.000	ng	-0.01
64) Phenanthrene-d10	17.297	188	318337	20.000	ng	0.00
76) Chrysene-d12	21.545	240	254556	20.000	ng	-0.01
86) Perylene-d12	24.689	264	320889	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	284807	109.184	ng	0.00
7) Phenol-d6	7.080	99	405583	103.979	ng	0.00
23) Nitrobenzene-d5	9.072	82	235858	68.280	ng	-0.02
42) 2,4,6-Tribromophenol	16.040	330	211389	99.678	ng	0.00
45) 2-Fluorobiphenyl	13.173	172	551542	66.660	ng	-0.01
79) Terphenyl-d14	19.912	244	1025849	73.470	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.384	88	47522	39.747	ng	99
3) Pyridine	3.778	79	123710	35.856	ng	97
4) n-Nitrosodimethylamine	3.695	42	60695	42.680	ng	94
6) Aniline	7.238	93	95287	19.555	ng	98
8) 2-Chlorophenol	7.479	128	127994	48.879	ng	99
9) Benzaldehyde	7.050	77	68509m	33.479	ng	
10) Phenol	7.109	94	181088	47.775	ng	97
11) bis(2-Chloroethyl)ether	7.332	93	120599	42.202	ng	98
12) 1,3-Dichlorobenzene	7.802	146	127473	47.327	ng	98
13) 1,4-Dichlorobenzene	7.949	146	127103	46.981	ng	97
14) 1,2-Dichlorobenzene	8.267	146	125759	48.033	ng	98
15) Benzyl Alcohol	8.149	79	124240	43.231	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.437	45	198715	41.761	ng	99
17) 2-Methylphenol	8.355	107	123323	43.886	ng	97
18) Hexachloroethane	8.995	117	45371	48.128	ng	95
19) n-Nitroso-di-n-propyla...	8.713	70	101394	38.847	ng	96
20) 3+4-Methylphenols	8.684	107	170577	43.568	ng	97
22) Acetophenone	8.737	105	203998	43.299	ng	# 98
24) Nitrobenzene	9.119	77	148301	42.772	ng	96
25) Isophorone	9.636	82	296403	39.742	ng	98
26) 2-Nitrophenol	9.829	139	67114	47.504	ng	97
27) 2,4-Dimethylphenol	9.888	122	129315	47.473	ng	98
28) bis(2-Chloroethoxy)met...	10.123	93	172637	43.073	ng	98
29) 2,4-Dichlorophenol	10.364	162	130792	48.960	ng	98
30) 1,2,4-Trichlorobenzene	10.576	180	133698	46.488	ng	99
31) Naphthalene	10.770	128	392510	43.436	ng	99
32) Benzoic acid	10.023	122	102097	47.921	ng	98
33) 4-Chloroaniline	10.875	127	58863	13.845	ng	96
34) Hexachlorobutadiene	11.046	225	78944	44.504	ng	99
35) Caprolactam	11.651	113	51531m	44.510	ng	
36) 4-Chloro-3-methylphenol	12.003	107	162802	45.903	ng	99
37) 2-Methylnaphthalene	12.374	142	277914	41.721	ng	99
38) 1-Methylnaphthalene	12.597	142	265217	42.135	ng	99
40) 1,2,4,5-Tetrachloroben...	12.744	216	158652	44.912	ng	98
41) Hexachlorocyclopentadiene	12.720	237	158202	83.308	ng	96
43) 2,4,6-Trichlorophenol	12.985	196	119678	45.961	ng	97

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44) 2,4,5-Trichlorophenol	13.055	196	138349	44.641	ng	98
46) 1,1'-Biphenyl	13.384	154	381002	44.301	ng	100
47) 2-Chloronaphthalene	13.425	162	297540	45.050	ng	98
48) 2-Nitroaniline	13.631	65	115576	43.918	ng	91
49) Acenaphthylene	14.271	152	504855	43.586	ng	100
50) Dimethylphthalate	14.007	163	407699	40.739	ng	99
51) 2,6-Dinitrotoluene	14.124	165	91578	44.073	ng	99
52) Acenaphthene	14.612	154	291306	43.052	ng	98
53) 3-Nitroaniline	14.453	138	48097	20.361	ng	99
54) 2,4-Dinitrophenol	14.659	184	84114	73.273	ng	98
55) Dibenzofuran	14.947	168	496500	42.779	ng	99
56) 4-Nitrophenol	14.771	139	164786	85.088	ng	99
57) 2,4-Dinitrotoluene	14.912	165	133017	44.118	ng	97
58) Fluorene	15.599	166	402576	42.976	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.176	232	125011	44.497	ng	99
60) Diethylphthalate	15.370	149	425530	40.338	ng	99
61) 4-Chlorophenyl-phenyle...	15.587	204	211531	42.101	ng	98
62) 4-Nitroaniline	15.623	138	97416	39.315	ng	99
63) Azobenzene	15.881	77	484472	48.025	ng	98
65) 4,6-Dinitro-2-methylph...	15.676	198	69603	40.631	ng	98
66) n-Nitrosodiphenylamine	15.805	169	361346	44.478	ng	98
67) 4-Bromophenyl-phenylether	16.480	248	147512	43.898	ng	98
68) Hexachlorobenzene	16.598	284	165008	46.501	ng	98
69) Atrazine	16.751	200	148757	49.305	ng	99
70) Pentachlorophenol	16.945	266	198483	73.141	ng	99
71) Phenanthrene	17.338	178	664744	43.501	ng	100
72) Anthracene	17.426	178	683116	43.344	ng	100
73) Carbazole	17.697	167	635573	42.413	ng	100
74) Di-n-butylphthalate	18.255	149	764328	41.268	ng	100
75) Fluoranthene	19.348	202	771601	40.081	ng	100
77) Benzidine	19.530	184	244209	40.891	ng	99
78) Pyrene	19.712	202	795302	43.755	ng	100
80) Butylbenzylphthalate	20.599	149	329866	44.755	ng	98
81) Benzo(a)anthracene	21.528	228	773827	43.927	ng	99
82) 3,3'-Dichlorobenzidine	21.445	252	149355	23.827	ng	100
83) Chrysene	21.592	228	708709	42.503	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	467212	44.647	ng	99
85) Di-n-octyl phthalate	22.620	149	830394	44.968	ng	97
87) Indeno(1,2,3-cd)pyrene	28.278	276	966396	45.461	ng	# 94
88) Benzo(b)fluoranthene	23.696	252	798348	45.615	ng	100
89) Benzo(k)fluoranthene	23.760	252	790019	44.662	ng	99
90) Benzo(a)pyrene	24.542	252	726678	41.914	ng	99
91) Dibenzo(a,h)anthracene	28.343	278	803627	45.574	ng	99
92) Benzo(g,h,i)perylene	29.401	276	795017	45.365	ng	99

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

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