

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
 Data File : BG056448.D
 Acq On : 26 Jan 2023 18:32
 Operator : CG/JU
 Sample : 01214-14MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TJRC-011823-B3-30-40MSD

Quant Time: Jan 27 01:01:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/27/2023
 Supervised By : Jagrut Upadhyay 01/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	32897	20.000	ng	0.00
21) Naphthalene-d8	11.126	136	125074	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	102337	20.000	ng	0.00
64) Phenanthrene-d10	17.648	188	262897	20.000	ng	0.00
76) Chrysene-d12	21.943	240	250243	20.000	ng	# 0.00
86) Perylene-d12	25.374	264	277584	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.815	112	229308	124.458	ng	0.00
7) Phenol-d6	7.442	99	321263	113.541	ng	0.00
23) Nitrobenzene-d5	9.469	82	161992	66.250	ng	0.00
42) 2,4,6-Tribromophenol	16.390	330	158467	122.266	ng	0.00
45) 2-Fluorobiphenyl	13.535	172	524605	70.788	ng	0.00
79) Terphenyl-d14	20.221	244	987836	70.702	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.617	88	30974	36.805	ng	# 87
3) Pyridine	4.034	79	85231	33.252	ng	# 92
4) n-Nitrosodimethylamine	3.946	42	20778	39.850	ng	97
6) Aniline	7.607	93	81289	21.907	ng	96
8) 2-Chlorophenol	7.853	128	99195	54.103	ng	94
9) Benzaldehyde	7.419	77	41087	24.422	ng	98
10) Phenol	7.466	94	137971	48.082	ng	97
11) bis(2-Chloroethyl)ether	7.695	93	82074	42.206	ng	95
12) 1,3-Dichlorobenzene	8.182	146	108719	48.722	ng	94
13) 1,4-Dichlorobenzene	8.329	146	110721	49.413	ng	99
14) 1,2-Dichlorobenzene	8.652	146	107868	49.891	ng	99
15) Benzyl Alcohol	8.529	79	85516	41.527	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.817	45	17427	50.714	ng	# 86
17) 2-Methylphenol	8.729	107	92721	44.036	ng	97
18) Hexachloroethane	9.387	117	32800	48.185	ng	99
19) n-Nitroso-di-n-propyla...	9.093	70	63663	37.001	ng	96
20) 3+4-Methylphenols	9.058	107	130191	43.979	ng	98
22) Acetophenone	9.122	105	149690	42.327	ng	# 97
24) Nitrobenzene	9.510	77	97151	40.093	ng	96
25) Isophorone	10.033	82	191414	37.206	ng	# 94
26) 2-Nitrophenol	10.227	139	59939	48.345	ng	97
27) 2,4-Dimethylphenol	10.274	122	104357	46.149	ng	95
28) bis(2-Chloroethoxy)met...	10.509	93	112872	42.212	ng	97
29) 2,4-Dichlorophenol	10.768	162	123913	49.565	ng	99
30) 1,2,4-Trichlorobenzene	10.985	180	128889	45.431	ng	97
31) Naphthalene	11.179	128	299402	45.485	ng	99
32) Benzoic acid	10.421	122	55591m	33.133	ng	
33) 4-Chloroaniline	11.279	127	68183	21.695	ng	96
34) Hexachlorobutadiene	11.449	225	90093	44.153	ng	97
35) Caprolactam	12.054	113	34784m	41.095	ng	
36) 4-Chloro-3-methylphenol	12.383	107	115367	45.477	ng	98
37) 2-Methylnaphthalene	12.759	142	232833	41.892	ng	99
38) 1-Methylnaphthalene	12.977	142	218624	42.359	ng	97
40) 1,2,4,5-Tetrachloroben...	13.124	216	174060	45.381	ng	99
41) Hexachlorocyclopentadiene	13.094	237	172799	79.021	ng	95
43) 2,4,6-Trichlorophenol	13.353	196	119840	47.251	ng	97

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44) 2,4,5-Trichlorophenol	13.429	196	130613	43.535	ng	98
46) 1,1'-Biphenyl	13.746	154	342304	46.705	ng	99
47) 2-Chloronaphthalene	13.799	162	271145	46.871	ng	98
48) 2-Nitroaniline	13.993	65	53511	43.415	ng	95
49) Acenaphthylene	14.639	152	427966	45.461	ng	99
50) Dimethylphthalate	14.352	163	359217	43.482	ng	99
51) 2,6-Dinitrotoluene	14.475	165	79730	45.293	ng	93
52) Acenaphthene	14.974	154	289820m	47.335	ng	
53) 3-Nitroaniline	14.810	138	43878	26.191	ng	90
54) 2,4-Dinitrophenol	15.021	184	70744	56.255	ng	95
55) Dibenzofuran	15.303	168	448862	44.301	ng	98
56) 4-Nitrophenol	15.115	139	118448	91.929	ng	90
57) 2,4-Dinitrotoluene	15.262	165	114944	46.690	ng	# 88
58) Fluorene	15.950	166	366032	44.916	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.533	232	126372	44.860	ng	96
60) Diethylphthalate	15.697	149	335863	43.351	ng	98
61) 4-Chlorophenyl-phenylether	15.932	204	218681	42.999	ng	99
62) 4-Nitroaniline	15.967	138	75994	44.283	ng	90
63) Azobenzene	16.226	77	247632	41.420	ng	97
65) 4,6-Dinitro-2-methylph...	16.026	198	70913	40.036	ng	95
66) n-Nitrosodiphenylamine	16.149	169	332127	45.533	ng	97
67) 4-Bromophenyl-phenylether	16.825	248	150181	44.861	ng	98
68) Hexachlorobenzene	16.954	284	156385	50.070	ng	99
69) Atrazine	17.084	200	144435	47.779	ng	98
70) Pentachlorophenol	17.301	266	169137	70.495	ng	98
71) Phenanthrene	17.689	178	618376	45.388	ng	98
72) Anthracene	17.783	178	627929	44.679	ng	99
73) Carbazole	18.047	167	548904	46.464	ng	99
74) Di-n-butylphthalate	18.570	149	567569	48.196	ng	99
75) Fluoranthene	19.681	202	772893	43.490	ng	99
77) Benzidine	19.845	184	158285	18.049	ng	97
78) Pyrene	20.045	202	791248	44.860	ng	99
80) Butylbenzylphthalate	20.897	149	239977	47.424	ng	95
81) Benzo(a)anthracene	21.919	228	795571	45.264	ng	98
82) 3,3'-Dichlorobenzidine	21.819	252	162343	25.658	ng	97
83) Chrysene	21.990	228	741030	45.010	ng	98
84) Bis(2-ethylhexyl)phtha...	21.778	149	351014	48.148	ng	99
85) Di-n-octyl phthalate	23.053	149	577761	46.944	ng	99
87) Indeno(1,2,3-cd)pyrene	29.334	276	930863	46.110	ng	99
88) Benzo(b)fluoranthene	24.275	252	829898	47.055	ng	99
89) Benzo(k)fluoranthene	24.346	252	798120	45.444	ng	99
90) Benzo(a)pyrene	25.215	252	724859	42.138	ng	100
91) Dibenzo(a,h)anthracene	29.387	278	791648	46.773	ng	99
92) Benzo(g,h,i)perylene	30.574	276	752751	45.863	ng	98

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

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