

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
 Data File : BG056445.D
 Acq On : 26 Jan 2023 16:28
 Operator : CG/JU
 Sample : 01289-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ209-STOCKMSD

Manual Integrations
 APPROVED

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

Quant Time: Jan 27 00:59:38 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	34123	20.000	ng	0.00
21) Naphthalene-d8	11.126	136	133094	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	101701	20.000	ng	0.00
64) Phenanthrene-d10	17.648	188	244889	20.000	ng	0.00
76) Chrysene-d12	21.943	240	244212	20.000	ng	# 0.00
86) Perylene-d12	25.374	264	271447	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.815	112	256640	134.288	ng	0.00
7) Phenol-d6	7.442	99	362878	123.641	ng	0.00
23) Nitrobenzene-d5	9.470	82	183791	70.636	ng	0.00
42) 2,4,6-Tribromophenol	16.397	330	167980	130.417	ng	0.00
45) 2-Fluorobiphenyl	13.535	172	571242	77.563	ng	0.00
79) Terphenyl-d14	20.222	244	1040216	76.289	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.612	88	31521	36.110	ng	# 88
3) Pyridine	4.035	79	86921	32.693	ng	# 90
4) n-Nitrosodimethylamine	3.947	42	21369	39.511	ng	97
6) Aniline	7.607	93	119724	31.106	ng	96
8) 2-Chlorophenol	7.854	128	104902	55.160	ng	94
9) Benzaldehyde	7.419	77	40933	23.456	ng	94
10) Phenol	7.466	94	145036	48.728	ng	97
11) bis(2-Chloroethyl)ether	7.695	93	87099	43.181	ng	97
12) 1,3-Dichlorobenzene	8.183	146	117441m	50.740	ng	
13) 1,4-Dichlorobenzene	8.330	146	118172	50.843	ng	99
14) 1,2-Dichlorobenzene	8.653	146	114713	51.150	ng	99
15) Benzyl Alcohol	8.529	79	90448m	42.344	ng	
16) 2,2'-oxybis(1-Chloropr...	8.817	45	19287	54.110	ng	82
17) 2-Methylphenol	8.735	107	100137	45.850	ng	97
18) Hexachloroethane	9.393	117	35977	50.953	ng	95
19) n-Nitroso-di-n-propyla...	9.094	70	68006	38.105	ng	95
20) 3+4-Methylphenols	9.058	107	138175	44.999	ng	97
22) Acetophenone	9.123	105	161546	42.927	ng	# 97
24) Nitrobenzene	9.511	77	103773	40.245	ng	# 91
25) Isophorone	10.034	82	206441	37.709	ng	95
26) 2-Nitrophenol	10.227	139	64880	49.177	ng	99
27) 2,4-Dimethylphenol	10.274	122	117139	48.680	ng	99
28) bis(2-Chloroethoxy)met...	10.509	93	122735	43.135	ng	98
29) 2,4-Dichlorophenol	10.768	162	131119	49.287	ng	97
30) 1,2,4-Trichlorobenzene	10.985	180	141675	46.929	ng	99
31) Naphthalene	11.179	128	327424	46.744	ng	98
32) Benzoic acid	10.410	122	57373	32.134	ng	94
33) 4-Chloroaniline	11.279	127	104686	31.303	ng	97
34) Hexachlorobutadiene	11.450	225	100683	46.370	ng	97
35) Caprolactam	12.055	113	37834m	42.005	ng	
36) 4-Chloro-3-methylphenol	12.384	107	120277	44.556	ng	96
37) 2-Methylnaphthalene	12.760	142	256191	43.317	ng	98
38) 1-Methylnaphthalene	12.977	142	238943	43.506	ng	99
40) 1,2,4,5-Tetrachloroben...	13.124	216	189674	49.761	ng	99
41) Hexachlorocyclopentadiene	13.095	237	219887	101.183	ng	95
43) 2,4,6-Trichlorophenol	13.353	196	126831	50.320	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
 Data File : BG056445.D
 Acq On : 26 Jan 2023 16:28
 Operator : CG/JU
 Sample : 01289-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ209-STOCKMSD

Quant Time: Jan 27 00:59:38 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)
44) 2,4,5-Trichlorophenol	13.435	196	137156	46.002	ng	98
46) 1,1'-Biphenyl	13.747	154	367746	50.490	ng	97
47) 2-Chloronaphthalene	13.800	162	291930	50.779	ng	98
48) 2-Nitroaniline	13.994	65	58246	47.552	ng	92
49) Acenaphthylene	14.640	152	443571	47.413	ng	99
50) Dimethylphthalate	14.352	163	374198	45.579	ng	99
51) 2,6-Dinitrotoluene	14.475	165	81801	46.760	ng	91
52) Acenaphthene	14.975	154	307346m	50.511	ng	
53) 3-Nitroaniline	14.810	138	58706	35.261	ng	92
54) 2,4-Dinitrophenol	15.022	184	74120	59.308	ng	96
55) Dibenzofuran	15.304	168	467899	46.469	ng	95
56) 4-Nitrophenol	15.116	139	121848	95.159	ng	86
57) 2,4-Dinitrotoluene	15.263	165	116420	47.585	ng	89
58) Fluorene	15.950	166	366273	45.226	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.527	232	130236	46.521	ng	96
60) Diethylphthalate	15.698	149	344070	44.688	ng	99
61) 4-Chlorophenyl-phenyle...	15.933	204	224858	44.490	ng	99
62) 4-Nitroaniline	15.968	138	77142	45.233	ng	93
63) Azobenzene	16.226	77	294811	49.619	ng	94
65) 4,6-Dinitro-2-methylph...	16.027	198	72684	44.053	ng	95
66) n-Nitrosodiphenylamine	16.150	169	335540	49.384	ng	98
67) 4-Bromophenyl-phenylether	16.826	248	149111	47.816	ng	96
68) Hexachlorobenzene	16.955	284	153892	52.895	ng	98
69) Atrazine	17.084	200	142393	50.567	ng	99
70) Pentachlorophenol	17.302	266	173839	77.783	ng	100
71) Phenanthrene	17.689	178	611370	48.174	ng	98
72) Anthracene	17.783	178	626387	47.847	ng	100
73) Carbazole	18.048	167	544246	49.457	ng	98
74) Di-n-butylphthalate	18.571	149	543753	49.569	ng	99
75) Fluoranthene	19.687	202	757823	45.778	ng	99
77) Benzidine	19.851	184	295513	34.530	ng	98
78) Pyrene	20.045	202	781304	45.390	ng	99
80) Butylbenzylphthalate	20.897	149	235306	47.649	ng	98
81) Benzo(a)anthracene	21.920	228	809485	47.193	ng	98
82) 3,3'-Dichlorobenzidine	21.820	252	182062	29.485	ng	99
83) Chrysene	21.990	228	755411	47.016	ng	99
84) Bis(2-ethylhexyl)phtha...	21.779	149	346795	48.744	ng	98
85) Di-n-octyl phthalate	23.054	149	583083	48.547	ng	100
87) Indeno(1,2,3-cd)pyrene	29.340	276	976181	49.449	ng	# 97
88) Benzo(b)fluoranthene	24.282	252	834468	48.384	ng	100
89) Benzo(k)fluoranthene	24.352	252	824597	48.013	ng	98
90) Benzo(a)pyrene	25.216	252	748264	44.482	ng	99
91) Dibenzo(a,h)anthracene	29.399	278	824721	49.829	ng	99
92) Benzo(g,h,i)perylene	30.580	276	792821	49.396	ng	98

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

