

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
 Data File : BG061107.D
 Acq On : 3 May 2024 15:28
 Operator : MA/JU
 Sample : P2331-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 16:44:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	24855	20.000	ng	-0.02
21) Naphthalene-d8	10.733	136	102601	20.000	ng	-0.02
39) Acenaphthene-d10	14.564	164	83034	20.000	ng	-0.02
64) Phenanthrene-d10	17.314	188	190226	20.000	ng	-0.02
76) Chrysene-d12	21.573	240	189793	20.000	ng	-0.02
86) Perylene-d12	24.693	264	177341	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	105613	86.417	ng	-0.02
7) Phenol-d6	7.114	99	153058	84.660	ng	-0.02
23) Nitrobenzene-d5	9.088	82	109674	52.990	ng	-0.03
42) 2,4,6-Tribromophenol	16.062	330	127869	77.043	ng	-0.01
45) 2-Fluorobiphenyl	13.189	172	310097	55.224	ng	-0.02
79) Terphenyl-d14	19.934	244	596127	52.238	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.436	88	13659	27.641	ng	93
3) Pyridine	3.824	79	40108	27.583	ng	94
4) n-Nitrosodimethylamine	3.741	42	45143	32.313	ng	99
6) Aniline	7.261	93	42918	23.946	ng	# 94
8) 2-Chlorophenol	7.502	128	67224	44.835	ng	98
9) Benzaldehyde	7.073	77	32506	31.849	ng	97
10) Phenol	7.137	94	79528	43.255	ng	94
11) bis(2-Chloroethyl)ether	7.355	93	54075	42.574	ng	95
12) 1,3-Dichlorobenzene	7.825	146	73985	41.857	ng	99
13) 1,4-Dichlorobenzene	7.972	146	75808	41.497	ng	96
14) 1,2-Dichlorobenzene	8.289	146	75636	42.914	ng	96
15) Benzyl Alcohol	8.171	79	68752	42.156	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.453	45	118434	42.972	ng	99
17) 2-Methylphenol	8.383	107	57691	44.031	ng	96
18) Hexachloroethane	9.012	117	26983	41.394	ng	86
19) n-Nitroso-di-n-propyla...	8.735	70	51089	37.760	ng	92
20) 3+4-Methylphenols	8.706	107	82083	43.423	ng	98
22) Acetophenone	8.753	105	111366	43.584	ng	# 98
24) Nitrobenzene	9.135	77	84180	41.575	ng	100
25) Isophorone	9.658	82	145060	37.915	ng	99
26) 2-Nitrophenol	9.840	139	40603	42.325	ng	97
27) 2,4-Dimethylphenol	9.911	122	52368	47.349	ng	94
28) bis(2-Chloroethoxy)met...	10.140	93	76193	40.578	ng	98
29) 2,4-Dichlorophenol	10.386	162	79877	46.094	ng	99
30) 1,2,4-Trichlorobenzene	10.598	180	92094	44.106	ng	97
31) Naphthalene	10.780	128	229718	43.080	ng	100
32) Benzoic acid	10.069	122	44666	34.936	ng	88
33) 4-Chloroaniline	10.886	127	45515	21.402	ng	96
34) Hexachlorobutadiene	11.068	225	78023	43.550	ng	92
35) Caprolactam	11.667	113	22636m	36.272	ng	
36) 4-Chloro-3-methylphenol	12.026	107	85295	40.819	ng	97
37) 2-Methylnaphthalene	12.390	142	167393	41.891	ng	99
38) 1-Methylnaphthalene	12.607	142	157742	39.212	ng	99
40) 1,2,4,5-Tetrachloroben...	12.760	216	138011	49.804	ng	99
41) Hexachlorocyclopentadiene	12.737	237	47127	44.425	ng	94
43) 2,4,6-Trichlorophenol	13.001	196	82305	46.263	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
 Data File : BG061107.D
 Acq On : 3 May 2024 15:28
 Operator : MA/JU
 Sample : P2331-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 16:44:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.077	196	89111	44.257	ng	95
46) 1,1'-Biphenyl	13.401	154	243468	45.730	ng	96
47) 2-Chloronaphthalene	13.442	162	188754	44.275	ng	97
48) 2-Nitroaniline	13.641	65	70153	44.345	ng	97
49) Acenaphthylene	14.288	152	310644	47.442	ng	99
50) Dimethylphthalate	14.023	163	257203	40.104	ng	99
51) 2,6-Dinitrotoluene	14.141	165	54425	39.674	ng	94
52) Acenaphthene	14.629	154	173654	42.513	ng	96
53) 3-Nitroaniline	14.470	138	39519	31.484	ng #	97
54) 2,4-Dinitrophenol	14.681	184	22268	24.475	ng	93
55) Dibenzofuran	14.969	168	301120	43.644	ng	99
56) 4-Nitrophenol	14.799	139	76781	75.691	ng	92
57) 2,4-Dinitrotoluene	14.934	165	77867	38.366	ng	89
58) Fluorene	15.616	166	245148	41.062	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.198	232	89016	42.947	ng	98
60) Diethylphthalate	15.387	149	248763	38.464	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	151401	42.234	ng	99
62) 4-Nitroaniline	15.633	138	53333	39.176	ng	95
63) Azobenzene	15.904	77	210673	41.845	ng	97
65) 4,6-Dinitro-2-methylph...	15.698	198	18476	15.654	ng	92
66) n-Nitrosodiphenylamine	15.827	169	221652	46.988	ng	99
67) 4-Bromophenyl-phenylether	16.503	248	107140	47.811	ng	95
68) Hexachlorobenzene	16.626	284	127209	45.609	ng	99
69) Atrazine	16.779	200	95930	49.311	ng	96
70) Pentachlorophenol	16.973	266	142095	82.927	ng	96
71) Phenanthrene	17.355	178	401201	46.126	ng	99
72) Anthracene	17.449	178	408081	47.019	ng	99
73) Carbazole	17.719	167	337804	44.267	ng	99
74) Di-n-butylphthalate	18.283	149	388715	42.839	ng	99
75) Fluoranthene	19.370	202	511063	42.889	ng	100
77) Benzidine	19.546	184	246845	67.163	ng	97
78) Pyrene	19.728	202	524485	43.467	ng	98
80) Butylbenzylphthalate	20.622	149	172818	45.246	ng	97
81) Benzo(a)anthracene	21.556	228	550022	44.287	ng	97
82) 3,3'-Dichlorobenzidine	21.468	252	156692	35.058	ng	98
83) Chrysene	21.620	228	531732	45.698	ng	98
84) Bis(2-ethylhexyl)phtha...	21.473	149	236256	47.369	ng	99
85) Di-n-octyl phthalate	22.654	149	411157	46.724	ng	99
87) Indeno(1,2,3-cd)pyrene	28.242	276	402377m	34.237	ng	
88) Benzo(b)fluoranthene	23.706	252	432696	43.663	ng	98
89) Benzo(k)fluoranthene	23.777	252	557562	58.483	ng	99
90) Benzo(a)pyrene	24.552	252	394461	45.689	ng	100
91) Dibenzo(a,h)anthracene	28.301	278	300607	30.886	ng #	95
92) Benzo(g,h,i)perylene	29.347	276	279124m	28.859	ng	

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

