

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110424\
 Data File : BG063159.D
 Acq On : 4 Nov 2024 17:33
 Operator : RC/JU
 Sample : P4368-01
 Misc : LOD-MDL-SOIL-8 PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Quant Time: Nov 04 17:37:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 01 05:13:40 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
 Supervised By :mohammad ahmed 11/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	89178	20.000	ng	0.00
21) Naphthalene-d8	10.632	136	366616	20.000	ng	# 0.00
39) Acenaphthene-d10	14.475	164	275520	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	693636	20.000	ng	0.00
76) Chrysene-d12	21.472	240	861025	20.000	ng	-0.01
86) Perylene-d12	24.504	264	968772	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.432	112	675509	117.458	ng	0.00
7) Phenol-d6	7.019	99	965499	128.111	ng	0.00
23) Nitrobenzene-d5	8.999	82	748409	88.786	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	615518	131.518	ng	0.00
45) 2-Fluorobiphenyl	13.100	172	1731284	93.069	ng	0.00
79) Terphenyl-d14	19.857	244	3777367	90.279	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.358	88	20419	9.036	ng	94
3) Pyridine	3.746	79	52843	9.687	ng	# 91
4) n-Nitrosodimethylamine	3.664	42	29993	8.851	ng	# 94
6) Aniline	7.171	93	81688	12.053	ng	# 86
8) 2-Chlorophenol	7.412	128	49356	9.241	ng	94
9) Benzaldehyde	6.983	77	53738	11.475	ng	83
10) Phenol	7.042	94	72810	9.018	ng	91
11) bis(2-Chloroethyl)ether	7.271	93	46549	8.548	ng	85
12) 1,3-Dichlorobenzene	7.735	146	49279	7.605	ng	92
13) 1,4-Dichlorobenzene	7.882	146	52803	7.993	ng	90
14) 1,2-Dichlorobenzene	8.194	146	55604	8.733	ng	96
15) Benzyl Alcohol	8.076	79	54408	8.985	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.358	45	94021	9.519	ng	97
17) 2-Methylphenol	8.288	107	47068	9.164	ng	93
18) Hexachloroethane	8.922	117	21046	8.903	ng	87
19) n-Nitroso-di-n-propyla...	8.640	70	49497	9.431	ng	# 89
20) 3+4-Methylphenols	8.611	107	60614	8.849	ng	94
22) Acetophenone	8.664	105	87481	8.905	ng	# 93
24) Nitrobenzene	9.034	77	74834	8.210	ng	95
25) Isophorone	9.557	82	133488	9.155	ng	97
26) 2-Nitrophenol	9.751	139	26933	8.035	ng	# 87
27) 2,4-Dimethylphenol	9.809	122	37486	9.096	ng	90
28) bis(2-Chloroethoxy)met...	10.039	93	66153	8.653	ng	# 96
29) 2,4-Dichlorophenol	10.285	162	52539	8.441	ng	94
30) 1,2,4-Trichlorobenzene	10.497	180	63589	8.306	ng	85
31) Naphthalene	10.679	128	169742	8.777	ng	97
33) 4-Chloroaniline	10.791	127	61912	9.486	ng	95
34) Hexachlorobutadiene	10.967	225	49361	7.834	ng	93
35) Caprolactam	11.531	113	16740	8.421	ng	# 83
36) 4-Chloro-3-methylphenol	11.919	107	58717	8.188	ng	# 94
37) 2-Methylnaphthalene	12.295	142	114477	8.345	ng	93
38) 1-Methylnaphthalene	12.512	142	109046	8.075	ng	87
40) 1,2,4,5-Tetrachloroben...	12.665	216	90485	9.139	ng	93
41) Hexachlorocyclopentadiene	12.641	237	28551	8.875	ng	85
43) 2,4,6-Trichlorophenol	12.906	196	48294	8.148	ng	93
44) 2,4,5-Trichlorophenol	12.976	196	51249	7.863	ng	95

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46) 1,1'-Biphenyl	13.305	154	166866	8.923	ng	96
47) 2-Chloronaphthalene	13.346	162	136437	8.712	ng	99
48) 2-Nitroaniline	13.552	65	46144	8.395	ng #	80
49) Acenaphthylene	14.198	152	215714	9.757	ng	98
50) Dimethylphthalate	13.928	163	176438	8.985	ng #	92
51) 2,6-Dinitrotoluene	14.046	165	35411	8.446	ng	92
52) Acenaphthene	14.539	154	121806	8.899	ng	96
53) 3-Nitroaniline	14.381	138	36663	9.211	ng	87
54) 2,4-Dinitrophenol	14.604	184	7693	3.009	ng #	82
55) Dibenzofuran	14.874	168	222908	9.236	ng	97
56) 4-Nitrophenol	14.704	139	24411	8.100	ng #	61
57) 2,4-Dinitrotoluene	14.845	165	50096	8.354	ng #	92
58) Fluorene	15.526	166	163374	8.542	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.109	232	46964	7.509	ng #	90
60) Diethylphthalate	15.297	149	184310	9.141	ng	94
61) 4-Chlorophenyl-phenyle...	15.520	204	104816	8.817	ng #	86
62) 4-Nitroaniline	15.544	138	40050	9.120	ng #	78
63) Azobenzene	15.814	77	186073	8.922	ng	99
65) 4,6-Dinitro-2-methylph...	15.609	198	28993	6.501	ng	99
66) n-Nitrosodiphenylamine	15.732	169	155470	8.984	ng	96
67) 4-Bromophenyl-phenylether	16.413	248	75037	8.827	ng	91
68) Hexachlorobenzene	16.537	284	83006	8.429	ng	95
69) Atrazine	16.684	200	65227	8.200	ng	93
70) Pentachlorophenol	16.884	266	22145	4.520	ng	93
71) Phenanthrene	17.265	178	312459	9.292	ng	98
72) Anthracene	17.359	178	314776	9.538	ng	96
73) Carbazole	17.630	167	285181	9.179	ng	98
74) Di-n-butylphthalate	18.194	149	311029	8.817	ng	98
75) Fluoranthene	19.287	202	440180	9.248	ng	97
77) Benzidine	19.469	184	207025m	15.605	ng	
78) Pyrene	19.651	202	453018	8.876	ng	97
80) Butylbenzylphthalate	20.544	149	131075	7.970	ng #	91
81) Benzo(a)anthracene	21.455	228	487567	8.992	ng	94
82) 3,3'-Dichlorobenzidine	21.378	252	187488	9.326	ng	100
83) Chrysene	21.519	228	460440	9.040	ng	98
84) Bis(2-ethylhexyl)phtha...	21.378	149	200037	8.385	ng	99
85) Di-n-octyl phthalate	22.518	149	337299	8.450	ng	98
87) Indeno(1,2,3-cd)pyrene	27.912	276	571131	8.784	ng #	97
88) Benzo(b)fluoranthene	23.546	252	462135	8.182	ng	96
89) Benzo(k)fluoranthene	23.611	252	495962	9.204	ng	99
90) Benzo(a)pyrene	24.363	252	446146	9.050	ng	96
91) Dibenzo(a,h)anthracene	27.971	278	478221	8.811	ng	96
92) Benzo(g,h,i)perylene	28.981	276	439884	8.200	ng #	95

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

