Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110424\
Data File : BG063157.D
Acq On : 4 Nov 2024 16:17
Operator : RC/JU
Sample : P4368-02
Misc : LOQ-SOIL-10 PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 04 15:50:43 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

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2024

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	7.842	152	97133	20.000	ng	#	0.00
21) Naphthalene-d8	10.627	136	390749	20.000	ng	#	0.00
39) Acenaphthene-d10	14.476	164	301715	20.000	ng		0.00
64) Phenanthrene-d10	17.226	188	789709	20.000	ng		0.00
76) Chrysene-d12	21.479	240	1073711	20.000	ng		0.00
86) Perylene-d12	24.517	264	1157175	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	524586	83.745	ng		-0.01
7) Phenol-d6	7.014	99	762363	92.873	ng		-0.01
23) Nitrobenzene-d5	8.994	82	573227	63.804	ng		-0.01
42) 2,4,6-Tribromophenol	15.968	330	467008	91.123	ng		0.00
45) 2-Fluorobiphenyl	13.095	172	1347782	66.162	ng		0.00
79) Terphenyl-d14	19.858	244	3204720	61.421	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.342	88	21076	8.563	ng		95
3) Pyridine	3.736	79	49013	8.249	ng		90
4) n-Nitrosodimethylamine	3.653	42	29881	8.096	ng	#	84
6) Aniline	7.167	93	83207	11.271	ng	#	89
8) 2-Chlorophenol	7.408	128	54377	9.347	ng		98
9) Benzaldehyde	6.979	77	61987m	12.153	ng		
10) Phenol	7.038	94	81848	9.307	ng		93
11) bis(2-Chloroethyl)ether	7.261	93	54174	9.134	ng		93
12) 1,3-Dichlorobenzene	7.731	146	60380	8.555	ng		91
13) 1,4-Dichlorobenzene	7.872	146	61735	8.580	ng		97
14) 1,2-Dichlorobenzene	8.195	146	62476	9.008	ng		94
15) Benzyl Alcohol	8.072	79	61211	9.280	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.354	45	100871	9.376	ng		98
17) 2-Methylphenol	8.277	107	45412	8.118	ng		96
18) Hexachloroethane	8.912	117	22775	8.845	ng	#	85
19) n-Nitroso-di-n-propyla...	8.642	70	52156	9.123	ng	#	89
20) 3+4-Methylphenols	8.606	107	64820	8.688	ng		89
22) Acetophenone	8.653	105	92688	8.852	ng	#	98
24) Nitrobenzene	9.035	77	80528	8.289	ng		92
25) Isophorone	9.552	82	137131	8.824	ng	#	96
26) 2-Nitrophenol	9.746	139	31798	8.900	ng	#	85
27) 2,4-Dimethylphenol	9.811	122	29666	6.754	ng	#	73
28) bis(2-Chloroethoxy)met...	10.040	93	75015	9.206	ng		96
29) 2,4-Dichlorophenol	10.287	162	55568	8.376	ng		86
30) 1,2,4-Trichlorobenzene	10.492	180	67500	8.272	ng		86
31) Naphthalene	10.680	128	183550	8.905	ng	#	93
32) Benzoic acid	9.928	122	28771m	7.516	ng		
33) 4-Chloroaniline	10.792	127	68671	9.872	ng	#	94
34) Hexachlorobutadiene	10.974	225	53212	7.924	ng		91
35) Caprolactam	11.532	113	20329	9.595	ng		93
36) 4-Chloro-3-methylphenol	11.920	107	64729	8.469	ng	#	95
37) 2-Methylnaphthalene	12.290	142	127406	8.713	ng		98
38) 1-Methylnaphthalene	12.508	142	120254	8.355	ng		93
40) 1,2,4,5-Tetrachloroben...	12.666	216	98688	9.103	ng		98
41) Hexachlorocyclopentadiene	12.649	237	21459	6.092	ng		84
43) 2,4,6-Trichlorophenol	12.907	196	55722	8.584	ng		90

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44) 2,4,5-Trichlorophenol	12.983	196	63182	8.853	ng	#	86
46) 1,1'-Biphenyl	13.307	154	182900	8.931	ng		98
47) 2-Chloronaphthalene	13.348	162	149253	8.703	ng		97
48) 2-Nitroaniline	13.553	65	53375	8.867	ng		97
49) Acenaphthylene	14.194	152	231203	9.549	ng		99
50) Dimethylphthalate	13.929	163	189409	8.808	ng	#	96
51) 2,6-Dinitrotoluene	14.053	165	38887	8.470	ng		89
52) Acenaphthene	14.546	154	126456	8.436	ng		99
53) 3-Nitroaniline	14.382	138	38903	8.925	ng		96
54) 2,4-Dinitrophenol	14.593	184	34241	12.229	ng		89
55) Dibenzofuran	14.875	168	245642	9.294	ng		99
56) 4-Nitrophenol	14.699	139	28328	8.584	ng	#	85
57) 2,4-Dinitrotoluene	14.840	165	58801	8.955	ng	#	96
58) Fluorene	15.528	166	179051	8.549	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.105	232	56607	8.265	ng	#	97
60) Diethylphthalate	15.298	149	186394	8.442	ng		95
61) 4-Chlorophenyl-phenyle...	15.522	204	113061	8.685	ng		99
62) 4-Nitroaniline	15.545	138	44932	9.343	ng		90
63) Azobenzene	15.815	77	208357	9.124	ng		97
65) 4,6-Dinitro-2-methylph...	15.610	198	37986	7.482	ng		94
66) n-Nitrosodiphenylamine	15.739	169	175903	8.929	ng		96
67) 4-Bromophenyl-phenylether	16.415	248	84771	8.759	ng		94
68) Hexachlorobenzene	16.538	284	91934	8.200	ng		98
69) Atrazine	16.685	200	80543	8.893	ng		97
70) Pentachlorophenol	16.885	266	31347	5.620	ng		87
71) Phenanthrene	17.273	178	339671	8.873	ng		98
72) Anthracene	17.361	178	333693	8.881	ng		96
73) Carbazole	17.631	167	313829	8.872	ng		100
74) Di-n-butylphthalate	18.195	149	354513	8.827	ng		99
75) Fluoranthene	19.288	202	491966	9.079	ng		97
77) Benzidine	19.470	184	151111	9.134	ng		97
78) Pyrene	19.652	202	521377	8.191	ng		98
80) Butylbenzylphthalate	20.551	149	176766	8.620	ng		98
81) Benzo(a)anthracene	21.462	228	615882	9.109	ng		94
82) 3,3'-Dichlorobenzidine	21.380	252	228139	9.100	ng		94
83) Chrysene	21.521	228	576670	9.079	ng		99
84) Bis(2-ethylhexyl)phtha...	21.380	149	261196	8.780	ng		98
85) Di-n-octyl phthalate	22.519	149	434665	8.733	ng		100
87) Indeno(1,2,3-cd)pyrene	27.931	276	711919	9.166	ng	#	96
88) Benzo(b)fluoranthene	23.553	252	597652	8.859	ng		98
89) Benzo(k)fluoranthene	23.618	252	597430	9.282	ng		99
90) Benzo(a)pyrene	24.370	252	560669	9.521	ng		98
91) Dibenzo(a,h)anthracene	27.984	278	583329	8.998	ng	#	95
92) Benzo(g,h,i)perylene	28.994	276	548169	8.555	ng		92

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

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