Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110124\
Data File : BG063143.D
Acq On : 1 Nov 2024 11:43
Operator : RC/JU
Sample : P4368-03
Misc : MDL-MDL-SOIL 4 PPM
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 01 13:34:25 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 :
MDL-SOIL-03-QT4-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.844	152	157621	20.000	ng		0.00
21) Naphthalene-d8	10.635	136	662569	20.000	ng	#	0.00
39) Acenaphthene-d10	14.477	164	525582	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1273559	20.000	ng		0.00
76) Chrysene-d12	21.481	240	1643312	20.000	ng		0.00
86) Perylene-d12	24.519	264	1788387	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.435	112	1041711	102.481	ng		0.00
7) Phenol-d6	7.021	99	1473994	110.656	ng		0.00
23) Nitrobenzene-d5	9.001	82	1125516	73.882	ng		0.00
42) 2,4,6-Tribromophenol	15.976	330	931355	104.321	ng		0.00
45) 2-Fluorobiphenyl	13.097	172	2434909	68.617	ng		0.00
79) Terphenyl-d14	19.859	244	4519414	56.595	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	14452	3.618	ng		93
3) Pyridine	3.749	79	32276	3.348	ng	#	86
4) n-Nitrosodimethylamine	3.667	42	21176	3.536	ng	#	96
6) Aniline	7.174	93	52693	4.399	ng	#	92
8) 2-Chlorophenol	7.415	128	35802	3.793	ng		98
9) Benzaldehyde	6.986	77	46727	5.645	ng		92
10) Phenol	7.045	94	50948	3.570	ng		86
11) bis(2-Chloroethyl)ether	7.268	93	37569	3.903	ng		85
12) 1,3-Dichlorobenzene	7.732	146	42212	3.686	ng		97
13) 1,4-Dichlorobenzene	7.879	146	38111	3.264	ng		91
14) 1,2-Dichlorobenzene	8.197	146	40303	3.581	ng		93
15) Benzyl Alcohol	8.085	79	42463	3.967	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.361	45	68822	3.942	ng		95
17) 2-Methylphenol	8.291	107	30143	3.321	ng		95
18) Hexachloroethane	8.919	117	15868	3.798	ng		91
19) n-Nitroso-di-n-propyla...	8.637	70	35763	3.855	ng	#	82
20) 3+4-Methylphenols	8.614	107	39984	3.303	ng		95
22) Acetophenone	8.661	105	67225	3.786	ng	#	99
24) Nitrobenzene	9.043	77	59589	3.617	ng		90
25) Isophorone	9.554	82	99085	3.760	ng		97
26) 2-Nitrophenol	9.748	139	19766	3.263	ng		92
27) 2,4-Dimethylphenol	9.812	122	12996	1.745	ng	#	76
28) bis(2-Chloroethoxy)met...	10.041	93	48301	3.496	ng	#	95
29) 2,4-Dichlorophenol	10.288	162	38317	3.406	ng		98
30) 1,2,4-Trichlorobenzene	10.500	180	46197	3.339	ng		98
31) Naphthalene	10.682	128	123754	3.541	ng	#	95
32) Benzoic acid	9.936	122	4635m	0.714	ng		
33) 4-Chloroaniline	10.793	127	46448	3.938	ng	#	89
34) Hexachlorobutadiene	10.970	225	36453	3.201	ng	#	81
35) Caprolactam	11.540	113	12409	3.454	ng	#	65
36) 4-Chloro-3-methylphenol	11.922	107	40024	3.088	ng		94
37) 2-Methylnaphthalene	12.292	142	88403	3.566	ng		98
38) 1-Methylnaphthalene	12.515	142	80118m	3.283	ng		
40) 1,2,4,5-Tetrachloroben...	12.668	216	63290	3.351	ng		98
41) Hexachlorocyclopentadiene	12.650	237	5935	0.967	ng		80
43) 2,4,6-Trichlorophenol	12.909	196	34142	3.019	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.979	196	41632	3.349	ng	#	89
46) 1,1'-Biphenyl	13.308	154	128844	3.612	ng		96
47) 2-Chloronaphthalene	13.349	162	97073	3.249	ng		93
48) 2-Nitroaniline	13.555	65	31792	3.032	ng	#	82
49) Acenaphthylene	14.201	152	152325	3.612	ng	#	91
50) Dimethylphthalate	13.931	163	123495	3.297	ng		98
51) 2,6-Dinitrotoluene	14.048	165	27045	3.382	ng		90
52) Acenaphthene	14.542	154	85046	3.257	ng		90
53) 3-Nitroaniline	14.383	138	26091	3.436	ng		87
54) 2,4-Dinitrophenol	14.601	184	7128m	1.461	ng		
55) Dibenzofuran	14.877	168	158167	3.435	ng		95
56) 4-Nitrophenol	14.695	139	17053	2.966	ng	#	73
57) 2,4-Dinitrotoluene	14.848	165	37188	3.251	ng	#	96
58) Fluorene	15.529	166	119723	3.281	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.106	232	34455	2.888	ng	#	90
60) Diethylphthalate	15.300	149	129011	3.354	ng		97
61) 4-Chlorophenyl-phenyle...	15.523	204	76438	3.371	ng		95
62) 4-Nitroaniline	15.547	138	26850	3.205	ng	#	84
63) Azobenzene	15.817	77	137915	3.467	ng		93
65) 4,6-Dinitro-2-methylph...	15.611	198	22669	2.769	ng		87
66) n-Nitrosodiphenylamine	15.735	169	112985	3.556	ng		99
67) 4-Bromophenyl-phenylether	16.422	248	51793	3.318	ng		95
68) Hexachlorobenzene	16.534	284	63385	3.506	ng		97
69) Atrazine	16.687	200	50410	3.451	ng		94
70) Pentachlorophenol	16.886	266	19336	2.149	ng		96
71) Phenanthrene	17.268	178	222075	3.597	ng		99
72) Anthracene	17.362	178	202591	3.343	ng		99
73) Carbazole	17.633	167	199105	3.490	ng		98
74) Di-n-butylphthalate	18.197	149	224057	3.459	ng		97
75) Fluoranthene	19.289	202	311442	3.564	ng		98
77) Benzidine	19.472	184	64454	2.546	ng	#	97
78) Pyrene	19.654	202	317501	3.259	ng		98
80) Butylbenzylphthalate	20.553	149	105466	3.360	ng		86
81) Benzo(a)anthracene	21.463	228	366427	3.541	ng		98
82) 3,3'-Dichlorobenzidine	21.381	252	128019	3.337	ng		98
83) Chrysene	21.522	228	345987	3.559	ng		97
84) Bis(2-ethylhexyl)phtha...	21.381	149	159064	3.493	ng	#	94
85) Di-n-octyl phthalate	22.521	149	254952	3.347	ng		97
87) Indeno(1,2,3-cd)pyrene	27.920	276	428094	3.567	ng		92
88) Benzo(b)fluoranthene	23.555	252	362566	3.477	ng		99
89) Benzo(k)fluoranthene	23.614	252	356114	3.580	ng	#	96
90) Benzo(a)pyrene	24.372	252	337628	3.710	ng	#	99
91) Dibenzo(a,h)anthracene	27.985	278	350718	3.501	ng		97
92) Benzo(g,h,i)perylene	28.996	276	330003	3.332	ng	#	92

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

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