Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020425\
Data File : BG063992.D
Acq On : 4 Feb 2025 16:23
Operator : RC/JU
Sample : P1187-01
Misc : LOD-MDL-SOIL 8PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Quant Time: Feb 05 01:10:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 04 02:51:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.871	152	69858	20.000	ng		0.00
21) Naphthalene-d8	10.662	136	298079	20.000	ng		0.00
39) Acenaphthene-d10	14.499	164	197289	20.000	ng		0.00
64) Phenanthrene-d10	17.237	188	441924	20.000	ng		0.00
76) Chrysene-d12	21.473	240	477897	20.000	ng		0.00
86) Perylene-d12	24.505	264	503218	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.456	112	536837	123.210	ng		0.00
7) Phenol-d6	7.031	99	769976	128.773	ng		0.00
23) Nitrobenzene-d5	9.023	82	500206	101.987	ng		0.00
42) 2,4,6-Tribromophenol	15.985	330	289366	127.308	ng		0.00
45) 2-Fluorobiphenyl	13.124	172	1157200	89.868	ng		0.00
79) Terphenyl-d14	19.863	244	2014080	88.017	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.388	88	17425	8.421	ng		98
3) Pyridine	3.782	79	41865	7.493	ng		96
4) n-Nitrosodimethylamine	3.694	42	25798	8.030	ng	#	95
6) Aniline	7.196	93	61409	9.584	ng		97
8) 2-Chlorophenol	7.431	128	41675	9.387	ng		96
9) Benzaldehyde	7.008	77	39216	12.014	ng		97
10) Phenol	7.055	94	55410	8.803	ng		94
11) bis(2-Chloroethyl)ether	7.295	93	43931	8.668	ng		95
12) 1,3-Dichlorobenzene	7.760	146	44121	8.351	ng		98
13) 1,4-Dichlorobenzene	7.906	146	44120	8.269	ng		95
14) 1,2-Dichlorobenzene	8.224	146	44116	8.627	ng		92
15) Benzyl Alcohol	8.100	79	39185	8.768	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.394	45	93003	9.113	ng		98
17) 2-Methylphenol	8.306	107	34843	8.559	ng		95
18) Hexachloroethane	8.946	117	15583	8.874	ng		99
19) n-Nitroso-di-n-propyla...	8.670	70	36664	8.854	ng		98
20) 3+4-Methylphenols	8.629	107	46829	8.635	ng		95
22) Acetophenone	8.682	105	73509	8.976	ng		99
24) Nitrobenzene	9.064	77	52136	12.289	ng		98
25) Isophorone	9.587	82	97969	9.214	ng		99
26) 2-Nitrophenol	9.775	139	10440	14.993	ng		98
27) 2,4-Dimethylphenol	9.834	122	22823	7.462	ng		93
28) bis(2-Chloroethoxy)met...	10.075	93	60083	8.881	ng		97
29) 2,4-Dichlorophenol	10.298	162	33851	11.151	ng		95
30) 1,2,4-Trichlorobenzene	10.521	180	43447	8.647	ng		95
31) Naphthalene	10.709	128	142037	8.888	ng		97
32) Benzoic acid	9.898	122	10921m	12.854	ng		
33) 4-Chloroaniline	10.809	127	56775	9.272	ng		96
34) Hexachlorobutadiene	11.003	225	28339	8.856	ng		93
35) Caprolactam	11.555	113	11484	11.847	ng	#	79
36) 4-Chloro-3-methylphenol	11.931	107	42988	8.781	ng		97
37) 2-Methylnaphthalene	12.319	142	97916	8.792	ng		98
38) 1-Methylnaphthalene	12.536	142	90543	8.217	ng		100
40) 1,2,4,5-Tetrachloroben...	12.683	216	52742	9.065	ng		99
41) Hexachlorocyclopentadiene	12.677	237	12183	8.274	ng		93
43) 2,4,6-Trichlorophenol	12.924	196	25392m	11.564	ng		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.989	196	30014	11.101	ng		90
46) 1,1'-Biphenyl	13.330	154	139280	9.272	ng		100
47) 2-Chloronaphthalene	13.371	162	98177	8.967	ng		97
48) 2-Nitroaniline	13.565	65	23109	12.836	ng		95
49) Acenaphthylene	14.217	152	156908	9.227	ng		97
50) Dimethylphthalate	13.952	163	119107	9.105	ng		98
51) 2,6-Dinitrotoluene	14.064	165	18394	12.065	ng		96
52) Acenaphthene	14.557	154	101532	8.901	ng		96
53) 3-Nitroaniline	14.387	138	20900	11.741	ng		90
54) 2,4-Dinitrophenol	14.593	184	3934	12.390	ng	#	84
55) Dibenzofuran	14.892	168	161009	8.693	ng		99
56) 4-Nitrophenol	14.687	139	15733	13.997	ng		94
57) 2,4-Dinitrotoluene	14.845	165	23474	12.410	ng	#	98
58) Fluorene	15.545	166	127838	8.930	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.122	232	27407	11.790	ng		99
60) Diethylphthalate	15.321	149	123881	8.932	ng		98
61) 4-Chlorophenyl-phenyle...	15.545	204	65198	9.077	ng		99
62) 4-Nitroaniline	15.545	138	23391	10.874	ng		97
63) Azobenzene	15.832	77	138386	8.448	ng		100
65) 4,6-Dinitro-2-methylph...	15.609	198	7361	13.017	ng		95
66) n-Nitrosodiphenylamine	15.750	169	110682	9.033	ng		97
67) 4-Bromophenyl-phenylether	16.432	248	39054	8.879	ng		98
68) Hexachlorobenzene	16.543	284	46911	9.071	ng		93
69) Atrazine	16.702	200	39791	9.759	ng		96
70) Pentachlorophenol	16.884	266	20025m	13.973	ng		
71) Phenanthrene	17.278	178	209888	9.043	ng		99
72) Anthracene	17.372	178	201656	8.683	ng		98
73) Carbazole	17.636	167	194018	8.924	ng		97
74) Di-n-butylphthalate	18.218	149	213833	9.435	ng		99
75) Fluoranthene	19.287	202	251316	8.892	ng		99
77) Benzidine	19.469	184	87217	8.570	ng		99
78) Pyrene	19.651	202	276006	9.355	ng		97
80) Butylbenzylphthalate	20.556	149	82560	12.643	ng		97
81) Benzo(a)anthracene	21.455	228	281492	9.277	ng		98
82) 3,3'-Dichlorobenzidine	21.373	252	90974	9.628	ng		99
83) Chrysene	21.514	228	277326	9.184	ng		100
84) Bis(2-ethylhexyl)phtha...	21.397	149	139128	12.106	ng		97
85) Di-n-octyl phthalate	22.554	149	224030	14.029	ng		100
87) Indeno(1,2,3-cd)pyrene	27.907	276	304472	9.379	ng	#	91
88) Benzo(b)fluoranthene	23.547	252	264168	8.915	ng		98
89) Benzo(k)fluoranthene	23.606	252	270613	8.894	ng		97
90) Benzo(a)pyrene	24.352	252	247842	9.370	ng		98
91) Dibenzo(a,h)anthracene	27.971	278	248551	9.067	ng		98
92) Benzo(g,h,i)perylene	28.958	276	239175	8.643	ng		97

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

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