Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101518\
Data File : BG037337.D
Acq On : 15 Oct 2018 17:23
Operator : JU/SJ
Sample : J5509-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-SOILMS

Manual Integrations APPROVED
Sohil
10/16/2018 10:04:40 AM

Quant Time: Oct 16 04:45:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 02:21:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	60523	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	279283	20.00	ng		-0.01
39) Acenaphthene-d10	14.75	164	186207	20.00	ng		-0.01
64) Phenanthrene-d10	17.50	188	448326	20.00	ng		-0.01
76) Chrysene-d12	21.78	240	401880	20.00	ng		-0.02
87) Perylene-d12	25.12	264	432964	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	452301	131.52	ng		0.00
7) Phenol-d6	7.26	99	663113	127.04	ng		0.00
23) Nitrobenzene-d5	9.29	82	354537	83.46	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	232927	127.55	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	886663	71.51	ng		-0.01
79) Terphenyl-d14	20.09	244	1312476	68.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	48865	25.300	ng		98
3) Pyridine	3.94	79	124049	27.051	ng		95
4) n-Nitrosodimethylamine	3.86	42	67521	37.915	ng	#	90
6) Aniline	7.44	93	203174	29.734	ng		98
8) 2-Chlorophenol	7.67	128	175259	43.544	ng		98
9) Benzaldehyde	7.26	77	83844	23.330	ng		97
10) Phenol	7.29	94	264781	48.164	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	164626	36.655	ng		96
12) 1,3-Dichlorobenzene	8.00	146	173361	36.639	ng		99
13) 1,4-Dichlorobenzene	8.15	146	172089	35.923	ng		98
14) 1,2-Dichlorobenzene	8.47	146	168817	36.367	ng		97
15) Benzyl Alcohol	8.35	79	162893	39.895	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.63	45	307379	34.619	ng		97
17) 2-Methylphenol	8.54	107	166426	45.202	ng		99
18) Hexachloroethane	9.20	117	60771	37.168	ng		99
19) n-Nitroso-di-n-propylamine	8.92	70	144289	36.511	ng		94
20) 3+4-Methylphenols	8.88	107	228847	44.452	ng		98
22) Acetophenone	8.95	105	272560	38.715	ng	#	96
24) Nitrobenzene	9.34	77	194275	42.698	ng		98
25) Isophorone	9.85	82	411475	42.431	ng		96
26) 2-Nitrophenol	10.05	139	71918	43.724	ng		96
27) 2,4-Dimethylphenol	10.09	122	193730	47.795	ng		99
28) bis(2-Chloroethoxy)methane	10.33	93	249092	41.056	ng		95
29) 2,4-Dichlorophenol	10.58	162	192172	46.705	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	183474	36.644	ng		98
31) Naphthalene	10.99	128	562166	41.418	ng		99
32) Benzoic acid	10.20	122	76131	34.015	ng		96
33) 4-Chloroaniline	11.10	127	121649	19.106	ng		95
34) Hexachlorobutadiene	11.26	225	106900	34.381	ng		98
35) Caprolactam	11.88	113	75249m	44.860	ng		
36) 4-Chloro-3-methylphenol	12.20	107	218885	45.044	ng		99
37) 2-Methylnaphthalene	12.59	142	435790	43.996	ng		99
38) 1-Methylnaphthalene	12.80	142	411130	42.497	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	221211	36.684	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	223457	89.888	ng		99
43) 2,4,6-Trichlorophenol	13.18	196	161966	46.300	ng		99
44) 2,4,5-Trichlorophenol	13.25	196	175307	46.577	ng		99
46) 1,1'-Biphenyl	13.58	154	562079	36.695	ng		99
47) 2-Chloronaphthalene	13.63	162	445022	38.463	ng		99
48) 2-Nitroaniline	13.84	65	127031	41.419	ng		96
49) Acenaphthylene	14.48	152	738887	41.746	ng		100
50) Dimethylphthalate	14.20	163	683935	46.738	ng		99
51) 2,6-Dinitrotoluene	14.32	165	120866	43.070	ng		98
52) Acenaphthene	14.81	154	434427	39.736	ng		99
53) 3-Nitroaniline	14.66	138	93809	30.639	ng	#	97
54) 2,4-Dinitrophenol	14.86	184	76506	104.482	ng		99
55) Dibenzofuran	15.15	168	687063	38.730	ng		99
56) 4-Nitrophenol	14.95	139	223379	93.597	ng		98
57) 2,4-Dinitrotoluene	15.11	165	164218	45.908	ng		98
58) Fluorene	15.79	166	564912	42.105	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	156608	46.997	ng		100
60) Diethylphthalate	15.56	149	603749	39.811	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	294778	37.588	ng		98
62) 4-Nitroaniline	15.82	138	139149	43.300	ng		95
63) Azobenzene	16.08	77	561740	38.634	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	66199	47.276	ng		99
66) n-Nitrosodiphenylamine	16.00	169	519493	39.457	ng		100
67) 4-Bromophenyl-phenylether	16.68	248	187112	38.671	ng		98
68) Hexachlorobenzene	16.79	284	187074	37.290	ng		97
69) Atrazine	16.94	200	196161	40.087	ng		98
70) Pentachlorophenol	17.13	266	225774	69.755	ng		98
71) Phenanthrene	17.54	178	921852	40.394	ng		98
72) Anthracene	17.63	178	945710	42.337	ng		98
73) Carbazole	17.90	167	870605	37.827	ng		99
74) Di-n-butylphthalate	18.44	149	1021787	41.421	ng		99
75) Fluoranthene	19.54	202	1084709	40.666	ng		98
77) Benzidine	19.72	184	366666	23.849	ng		99
78) Pyrene	19.91	202	1071002	40.890	ng		99
80) Butylbenzylphthalate	20.78	149	449905	44.149	ng		96
81) Benzo(a)anthracene	21.76	228	997809	41.456	ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	216124	23.278	ng		98
83) Chrysene	21.83	228	928801	40.454	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	644985	44.077	ng		99
85) Di-n-octyl phthalate	22.90	149	1054559	44.401	ng		98
86) Indeno(1,2,3-cd)pyrene	28.97	276	1096079	43.070	ng		98
88) Benzo(b)fluoranthene	24.05	252	992787	42.176	ng		99
89) Benzo(k)fluoranthene	24.13	252	941334	40.526	ng		98
90) Benzo(a)pyrene	24.96	252	959346	42.502	ng		99
91) Dibenzo(a,h)anthracene	29.04	278	895791	41.477	ng		97
92) Benzo(g,h,i)perylene	30.17	276	912754	42.315	ng		99

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

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