Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
Data File : BG029287.D
Acq On : 17 Oct 2017 1:25
Operator : SJ/JU
Sample : I5833-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMS

Manual Integrations APPROVED

Quant Time: Oct 17 04:38:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Sohil

10/17/2017 5:04:12 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	68388	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	321897	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	210423	20.00	ng		0.00
63) Phenanthrene-d10	17.53	188	484368	20.00	ng		0.00
75) Chrysene-d12	21.80	240	494733	20.00	ng		0.00
86) Perylene-d12	25.11	264	521340	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	540001	131.91	ng		0.00
7) Phenol-d6	7.33	99	675636	117.58	ng		0.00
23) Nitrobenzene-d5	9.34	82	462340	91.27	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	381197	140.31	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1236187	86.16	ng		0.00
78) Terphenyl-d14	20.12	244	1853670	85.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	51314	30.894	ng	#	80
3) Pyridine	4.01	79	46208m	9.553	ng		
4) n-Nitrosodimethylamine	3.90	42	77884	34.447	ng	#	95
6) Aniline	7.50	93	159185	22.372	ng		94
8) 2-Chlorophenol	7.73	128	183837	39.178	ng		93
9) Benzaldehyde	7.30	77	66679	23.071	ng		90
10) Phenol	7.35	94	215319	34.757	ng		89
11) bis(2-Chloroethyl)ether	7.58	93	178293	39.502	ng		92
12) 1,3-Dichlorobenzene	8.06	146	187250	35.544	ng		96
13) 1,4-Dichlorobenzene	8.21	146	191786	35.657	ng		94
14) 1,2-Dichlorobenzene	8.53	146	183582	35.387	ng		97
15) Benzyl Alcohol	8.40	79	163081	40.273	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.70	45	287931	37.564	ng		93
17) 2-Methylphenol	8.61	107	165595	40.239	ng		97
18) Hexachloroethane	9.26	117	65712	35.850	ng		98
19) n-Nitroso-di-n-propylamine	8.97	70	146856	37.587	ng	#	97
20) 3+4-Methylphenols	8.94	107	228195	39.354	ng		95
22) Acetophenone	9.00	105	280710	36.185	ng	#	94
24) Nitrobenzene	9.38	77	212166	37.252	ng	#	91
25) Isophorone	9.90	82	420715	39.785	ng	#	93
26) 2-Nitrophenol	10.10	139	108819	39.976	ng		90
27) 2,4-Dimethylphenol	10.15	122	197088	40.018	ng		89
28) bis(2-Chloroethoxy)methane	10.38	93	245472	37.856	ng		96
29) 2,4-Dichlorophenol	10.63	162	211342	40.241	ng		93
30) 1,2,4-Trichlorobenzene	10.85	180	207482	36.568	ng		100
31) Naphthalene	11.04	128	611530	38.119	ng		99
32) Benzoic acid	10.28	122	134873	32.706	ng	#	84
33) 4-Chloroaniline	11.14	127	109143	16.173	ng		93
34) Hexachlorobutadiene	11.32	225	123458	34.996	ng		97
35) Caprolactam	11.90	113	60193m	34.486	ng		
36) 4-Chloro-3-methylphenol	12.25	107	227320	39.354	ng	#	85
37) 2-Methylnaphthalene	12.63	142	479643	41.022	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	255912	33.311	ng		98
40) Hexachlorocyclopentadiene	12.97	237	265734	90.649	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	184482	38.252	ng		99
43) 2,4,5-Trichlorophenol	13.30	196	201795	40.743	ng		96
45) 1,1'-Biphenyl	13.63	154	641540	35.470	ng		97
46) 2-Chloronaphthalene	13.67	162	498272	37.769	ng		97
47) 2-Nitroaniline	13.87	65	156606	43.218	ng	#	87
48) Acenaphthylene	14.51	152	798385	38.668	ng		99
49) Dimethylphthalate	14.24	163	652953	39.771	ng		99
50) 2,6-Dinitrotoluene	14.35	165	146103	42.451	ng	#	83
51) Acenaphthene	14.85	154	500898	37.287	ng		98
52) 3-Nitroaniline	14.68	138	67915	18.287	ng	#	82
53) 2,4-Dinitrophenol	14.90	184	163238	85.623	ng	#	51
54) Dibenzofuran	15.18	168	788913	41.137	ng		98
55) 4-Nitrophenol	14.99	139	239414	78.195	ng	#	82
56) 2,4-Dinitrotoluene	15.14	165	207065	44.444	ng	#	80
57) Fluorene	15.83	166	631665	39.872	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.41	232	191621	46.373	ng		97
59) Diethylphthalate	15.59	149	662000	40.460	ng		98
60) 4-Chlorophenyl-phenylether	15.82	204	341091	40.381	ng		94
61) 4-Nitroaniline	15.84	138	119606	31.364	ng		81
62) Azobenzene	16.11	77	548295	39.739	ng		97
64) 4,6-Dinitro-2-methylphenol	15.91	198	105823	39.417	ng		85
65) n-Nitrosodiphenylamine	16.03	169	517657	35.677	ng		98
66) 4-Bromophenyl-phenylether	16.71	248	227292	40.894	ng		99
67) Hexachlorobenzene	16.83	284	237373	37.704	ng		98
68) Atrazine	16.97	200	20422	3.945	ng		95
69) Pentachlorophenol	17.18	266	307204	84.943	ng		98
70) Phenanthrene	17.57	178	1016694	40.631	ng		97
71) Anthracene	17.66	178	1032610	41.097	ng		98
72) Carbazole	17.92	167	832582	34.495	ng		99
73) Di-n-butylphthalate	18.47	149	1117436	40.254	ng		99
74) Fluoranthene	19.57	202	1197619	40.920	ng		96
77) Pyrene	19.92	202	1235464	41.166	ng		96
79) Butylbenzylphthalate	20.79	149	526261	41.159	ng		94
80) Benzo(a)anthracene	21.78	228	1196445	41.190	ng		98
82) Chrysene	21.85	228	1120144	40.267	ng		96
83) Bis(2-ethylhexyl)phthalate	21.67	149	743151	40.499	ng		98
84) Di-n-octyl phthalate	22.92	149	1276010	39.899	ng		97
85) Indeno(1,2,3-cd)pyrene	28.91	276	1413604	41.306	ng	#	92
87) Benzo(b)fluoranthene	24.06	252	1232203	41.284	ng		100
88) Benzo(k)fluoranthene	24.13	252	1216852	40.923	ng		99
89) Benzo(a)pyrene	24.96	252	1196760	41.708	ng		99
90) Dibenzo(a,h)anthracene	28.97	278	1211695	41.712	ng		96
91) Benzo(g,h,i)perylene	30.09	276	1071851	39.712	ng		97

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

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