Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041350.D
Acq On : 20 Jun 2019 6:53
Operator : HP/JU
Sample : K3368-01MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOILMS

Manual Integrations APPROVED
mohammad
6/21/2019 9:57:54 PM

Quant Time: Jun 20 08:43:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	37312	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	148960	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	104859	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	258383	20.00	ng	0.00
76) Chrysene-d12	21.75	240	253155	20.00	ng	0.00
87) Perylene-d12	25.06	264	249006	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	240231	118.30	ng	0.00
7) Phenol-d6	7.24	99	325608	110.62	ng	0.00
23) Nitrobenzene-d5	9.26	82	308127	86.99	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	201820	125.37	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	696995	90.34	ng	0.00
79) Terphenyl-d14	20.06	244	1202974	94.17	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	29226m	28.702	ng	
3) Pyridine	3.89	79	87977	32.568	ng	94
4) n-Nitrosodimethylamine	3.80	42	54325	37.711	ng	99
6) Aniline	7.41	93	66365	16.221	ng	97
8) 2-Chlorophenol	7.64	128	98893	41.446	ng	98
9) Benzaldehyde	7.22	77	23656	12.565	ng	93
10) Phenol	7.27	94	113012	35.704	ng	98
11) bis(2-Chloroethyl)ether	7.50	93	101893	42.426	ng	98
12) 1,3-Dichlorobenzene	7.96	146	122130	40.879	ng	94
13) 1,4-Dichlorobenzene	8.12	146	124935	40.938	ng	95
14) 1,2-Dichlorobenzene	8.43	146	120609	41.377	ng	97
15) Benzyl Alcohol	8.32	79	109410	38.795	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	157692	40.109	ng	96
17) 2-Methylphenol	8.52	107	86028	38.016	ng	95
18) Hexachloroethane	9.16	117	47071	38.923	ng	95
19) n-Nitroso-di-n-propylamine	8.89	70	96907	40.706	ng	98
20) 3+4-Methylphenols	8.86	107	121646	40.380	ng	97
22) Acetophenone	8.92	105	187097	43.162	ng	96
24) Nitrobenzene	9.30	77	156419	43.910	ng	97
25) Isophorone	9.82	82	273203	42.043	ng	96
26) 2-Nitrophenol	10.01	139	59651	41.304	ng	95
27) 2,4-Dimethylphenol	10.06	122	99022	45.742	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	140089	41.375	ng	97
29) 2,4-Dichlorophenol	10.55	162	117111	43.630	ng	95
30) 1,2,4-Trichlorobenzene	10.76	180	148871	43.306	ng	96
31) Naphthalene	10.95	128	363361	44.883	ng	98
33) 4-Chloroaniline	11.07	127	35929	10.450	ng	93
34) Hexachlorobutadiene	11.21	225	109662	40.188	ng	96
35) Caprolactam	11.86	113	29451m	31.871	ng	
36) 4-Chloro-3-methylphenol	12.18	107	132438	42.716	ng	97
37) 2-Methylnaphthalene	12.55	142	278380	46.687	ng	99
38) 1-Methylnaphthalene	12.77	142	257592	45.153	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	206731	47.745	ng	99
41) Hexachlorocyclopentadiene	12.88	237	76820	26.339	ng	100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.16	196	113534	42.386 ng		98
44) 2,4,5-Trichlorophenol	13.23	196	119387	43.318 ng		98
46) 1,1'-Biphenyl	13.55	154	366662	46.253 ng		98
47) 2-Chloronaphthalene	13.60	162	309821	45.395 ng		99
48) 2-Nitroaniline	13.82	65	109718	43.895 ng		93
49) Acenaphthylene	14.44	152	469702	45.353 ng		99
50) Dimethylphthalate	14.17	163	398094	42.668 ng		99
51) 2,6-Dinitrotoluene	14.30	165	89847	45.671 ng		90
52) Acenaphthene	14.79	154	277839	45.686 ng		99
53) 3-Nitroaniline	14.64	138	52280	26.973 ng		96
54) 2,4-Dinitrophenol	14.86	184	10150	11.587 ng	#	80
55) Dibenzofuran	15.11	168	484214	45.794 ng		99
56) 4-Nitrophenol	14.94	139	94684	64.935 ng		98
57) 2,4-Dinitrotoluene	15.09	165	127588	44.367 ng		96
58) Fluorene	15.77	166	378821	45.544 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	120058	42.125 ng		99
60) Diethylphthalate	15.52	149	408102	43.035 ng		98
61) 4-Chlorophenyl-phenylether	15.75	204	241940	44.706 ng		99
62) 4-Nitroaniline	15.80	138	84718	40.868 ng		96
63) Azobenzene	16.04	77	382860	45.255 ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	13722	8.182 ng		95
66) n-Nitrosodiphenylamine	15.97	169	341988	49.847 ng		98
67) 4-Bromophenyl-phenylether	16.65	248	157138	47.034 ng		93
68) Hexachlorobenzene	16.76	284	163881	45.807 ng		96
69) Atrazine	16.91	200	145590	Below Cal		97
70) Pentachlorophenol	17.11	266	76802	41.924 ng		98
71) Phenanthrene	17.51	178	646104	46.885 ng		98
72) Anthracene	17.60	178	668898	49.235 ng		100
73) Carbazole	17.88	167	573485	48.255 ng		99
74) Di-n-butylphthalate	18.40	149	678078	45.726 ng		100
75) Fluoranthene	19.52	202	828107	45.233 ng		99
77) Benzidine	19.70	184	142654	23.297 ng		99
78) Pyrene	19.88	202	832005	48.732 ng		98
80) Butylbenzylphthalate	20.74	149	309793	47.972 ng		98
81) Benzo(a)anthracene	21.72	228	798949	46.611 ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	161038	26.763 ng		99
83) Chrysene	21.80	228	779164	47.268 ng		100
84) Bis(2-ethylhexyl)phthalate	21.59	149	421942	47.945 ng		98
85) Di-n-octyl phthalate	22.82	149	719600	48.330 ng		99
86) Indeno(1,2,3-cd)pyrene	28.88	276	601509m	30.756 ng		
88) Benzo(b)fluoranthene	24.00	252	763876	49.500 ng		98
89) Benzo(k)fluoranthene	24.07	252	759017	49.650 ng		99
90) Benzo(a)pyrene	24.91	252	712539	48.891 ng		99
91) Dibenzo(a,h)anthracene	28.95	278	531823	36.246 ng		98
92) Benzo(g,h,i)perylene	30.07	276	404241	27.879 ng	#	97

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

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