Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041219\
Data File : BG040462.D
Acq On : 12 Apr 2019 15:28
Operator : JU/SJ
Sample : IDOCSS-04
Misc : SOIL IDOC
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOCSS-04

Manual Integrations APPROVED
Sohil
4/15/2019 2:24:10 PM

Quant Time: Apr 15 03:47:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	38182	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	153883	20.00	ng		-0.03
39) Acenaphthene-d10	14.68	164	99257	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	270368	20.00	ng		-0.03
76) Chrysene-d12	21.69	240	303229	20.00	ng		-0.04
87) Perylene-d12	24.97	264	312382	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	302245	131.59	ng		-0.02
7) Phenol-d6	7.20	99	410137	129.21	ng		-0.02
23) Nitrobenzene-d5	9.22	82	248671	85.89	ng		-0.03
42) 2,4,6-Tribromophenol	16.16	330	164683	153.52	ng		-0.03
45) 2-Fluorobiphenyl	13.30	172	580348	86.64	ng		-0.03
79) Terphenyl-d14	20.02	244	1146745	85.08	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	44180	40.908	ng		98
3) Pyridine	3.89	79	110734	38.082	ng		96
4) n-Nitrosodimethylamine	3.81	42	50388	37.462	ng	#	91
6) Aniline	7.37	93	99642	24.162	ng		94
8) 2-Chlorophenol	7.60	128	104055	38.702	ng		97
9) Benzaldehyde	7.19	77	53322	24.490	ng		95
10) Phenol	7.23	94	136443	39.602	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	100071	36.264	ng		96
12) 1,3-Dichlorobenzene	7.93	146	110091	37.668	ng		97
13) 1,4-Dichlorobenzene	8.08	146	111324	38.243	ng		96
14) 1,2-Dichlorobenzene	8.40	146	107612	38.658	ng		97
15) Benzyl Alcohol	8.28	79	91368	35.742	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	190828	36.032	ng		99
17) 2-Methylphenol	8.48	107	91803	38.507	ng		98
18) Hexachloroethane	9.12	117	38960	35.186	ng		99
19) n-Nitroso-di-n-propylamine	8.84	70	76407	33.573	ng		97
20) 3+4-Methylphenols	8.81	107	125907	38.984	ng		98
22) Acetophenone	8.87	105	154737	40.311	ng	#	99
24) Nitrobenzene	9.26	77	118050	39.377	ng		98
25) Isophorone	9.77	82	225327	37.827	ng		98
26) 2-Nitrophenol	9.97	139	55469	39.048	ng		96
27) 2,4-Dimethylphenol	10.02	122	107450	47.619	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	136412	38.707	ng		98
29) 2,4-Dichlorophenol	10.51	162	102932	42.027	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	110034	40.915	ng		95
31) Naphthalene	10.91	128	321444	40.753	ng		100
32) Benzoic acid	10.16	122	29131m	21.368	ng		
33) 4-Chloroaniline	11.03	127	79388	23.596	ng		97
34) Hexachlorobutadiene	11.17	225	65533	38.102	ng		91
35) Caprolactam	11.80	113	39790	40.939	ng		98
36) 4-Chloro-3-methylphenol	12.13	107	122239	43.414	ng		96
37) 2-Methylnaphthalene	12.51	142	243480	41.738	ng		99
38) 1-Methylnaphthalene	12.73	142	231131	40.859	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	125047	39.638	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	134641	77.729	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	85407	41.991	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	96519	43.537	ng	96
46) 1,1'-Biphenyl	13.51	154	316185	40.316	ng	97
47) 2-Chloronaphthalene	13.56	162	242665	40.338	ng	99
48) 2-Nitroaniline	13.77	65	89329	44.022	ng	96
49) Acenaphthylene	14.40	152	417319	40.915	ng	99
50) Dimethylphthalate	14.13	163	331032	42.614	ng	98
51) 2,6-Dinitrotoluene	14.26	165	75435	43.248	ng	97
52) Acenaphthene	14.74	154	242209	41.442	ng	97
53) 3-Nitroaniline	14.60	138	56604	30.657	ng	98
54) 2,4-Dinitrophenol	14.80	184	62622	67.507	ng	93
55) Dibenzofuran	15.07	168	409987	43.656	ng	99
56) 4-Nitrophenol	14.89	139	124151	83.314	ng	99
57) 2,4-Dinitrotoluene	15.04	165	113263	46.732	ng	96
58) Fluorene	15.72	166	325275	44.054	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	94641	47.043	ng	97
60) Diethylphthalate	15.48	149	359212	45.189	ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	171755	43.518	ng	100
62) 4-Nitroaniline	15.75	138	92592	46.730	ng	98
63) Azobenzene	16.00	77	328705	43.838	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	57254	37.693	ng	98
66) n-Nitrosodiphenylamine	15.92	169	317360	40.113	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	114520	37.639	ng	99
68) Hexachlorobenzene	16.72	284	120325	39.332	ng	97
69) Atrazine	16.87	200	121397	41.248	ng	97
70) Pentachlorophenol	17.07	266	111780	63.201	ng	93
71) Phenanthrene	17.46	178	596320	41.962	ng	98
72) Anthracene	17.56	178	606575	42.644	ng	99
73) Carbazole	17.83	167	591171	43.916	ng	98
74) Di-n-butylphthalate	18.36	149	704394	44.144	ng	99
75) Fluoranthene	19.47	202	768524	45.670	ng	98
77) Benzidine	19.65	184	260818	23.819	ng	96
78) Pyrene	19.84	202	783459	39.289	ng	99
80) Butylbenzylphthalate	20.70	149	347137	40.682	ng	96
81) Benzo(a)anthracene	21.67	228	730684	39.122	ng	100
82) 3,3'-Dichlorobenzidine	21.59	252	183879	25.881	ng	99
83) Chrysene	21.74	228	719870	40.104	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	500903	41.066	ng	99
85) Di-n-octyl phthalate	22.76	149	858906	41.330	ng	99
86) Indeno(1,2,3-cd)pyrene	28.73	276	869689	39.614	ng	99
88) Benzo(b)fluoranthene	23.92	252	788793	41.244	ng	99
89) Benzo(k)fluoranthene	23.99	252	757295	43.058	ng	98
90) Benzo(a)pyrene	24.81	252	762528	42.494	ng	98
91) Dibenzo(a,h)anthracene	28.79	278	689330	41.361	ng	99
92) Benzo(g,h,i)perylene	29.91	276	697938	40.749	ng	97

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

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