Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041219\
Data File : BG040459.D
Acq On : 12 Apr 2019 13:27
Operator : JU/SJ
Sample : IDOCSS-01
Misc : SOIL IDOC
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOCSS-01

Manual Integrations APPROVED
Sohil
4/15/2019 2:24:03 PM

Quant Time: Apr 15 03:45:21 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	8.05	152	36435	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	149847	20.00	ng		-0.02
39) Acenaphthene-d10	14.67	164	98174	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	267609	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	305878	20.00	ng		-0.04
87) Perylene-d12	24.97	264	315993	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	297846	135.90	ng		-0.02
7) Phenol-d6	7.20	99	406262	134.13	ng		-0.02
23) Nitrobenzene-d5	9.22	82	245847	87.21	ng		-0.03
42) 2,4,6-Tribromophenol	16.17	330	160057	150.85	ng		-0.02
45) 2-Fluorobiphenyl	13.29	172	580361	87.60	ng		-0.03
79) Terphenyl-d14	20.02	244	1139727	83.82	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	44419	43.101	ng		97
3) Pyridine	3.89	79	106829	38.500	ng		98
4) n-Nitrosodimethylamine	3.81	42	51744	40.314	ng	#	91
6) Aniline	7.37	93	99069	25.175	ng		98
8) 2-Chlorophenol	7.61	128	103610	40.384	ng		96
9) Benzaldehyde	7.19	77	53033	25.525	ng		99
10) Phenol	7.23	94	136350	41.473	ng		96
11) bis(2-Chloroethyl)ether	7.46	93	102034	38.749	ng		94
12) 1,3-Dichlorobenzene	7.93	146	109668	39.322	ng		98
13) 1,4-Dichlorobenzene	8.08	146	112633	40.548	ng		98
14) 1,2-Dichlorobenzene	8.40	146	103407	38.928	ng		99
15) Benzyl Alcohol	8.29	79	88782	36.396	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	189063	37.411	ng		97
17) 2-Methylphenol	8.48	107	91961	40.422	ng		97
18) Hexachloroethane	9.12	117	40564	38.391	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	77659	35.760	ng		94
20) 3+4-Methylphenols	8.81	107	127138	41.253	ng		97
22) Acetophenone	8.88	105	154418	41.311	ng	#	95
24) Nitrobenzene	9.26	77	117299	40.180	ng		97
25) Isophorone	9.77	82	224792	38.753	ng		99
26) 2-Nitrophenol	9.97	139	54827	39.635	ng		95
27) 2,4-Dimethylphenol	10.01	122	102091	46.463	ng		100
28) bis(2-Chloroethoxy)methane	10.26	93	133759	38.976	ng		98
29) 2,4-Dichlorophenol	10.51	162	104144	43.667	ng		99
30) 1,2,4-Trichlorobenzene	10.71	180	106473	40.657	ng		96
31) Naphthalene	10.91	128	319017	41.535	ng		99
32) Benzoic acid	10.17	122	28313m	21.327	ng		
33) 4-Chloroaniline	11.03	127	82528	25.190	ng		97
34) Hexachlorobutadiene	11.17	225	62358	37.232	ng		98
35) Caprolactam	11.80	113	39916	42.174	ng		92
36) 4-Chloro-3-methylphenol	12.14	107	125022	45.598	ng		98
37) 2-Methylnaphthalene	12.51	142	240601	42.355	ng		99
38) 1-Methylnaphthalene	12.73	142	230601	41.863	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	121888	39.063	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	134246	78.356	ng		96
43) 2,4,6-Trichlorophenol	13.11	196	85295	42.398	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	96344	43.937	ng		99
46) 1,1'-Biphenyl	13.51	154	314891	40.594	ng		99
47) 2-Chloronaphthalene	13.56	162	244589	41.107	ng		100
48) 2-Nitroaniline	13.77	65	88725	44.207	ng		95
49) Acenaphthylene	14.40	152	419451	41.578	ng		98
50) Dimethylphthalate	14.13	163	327521	42.627	ng		98
51) 2,6-Dinitrotoluene	14.26	165	76507	44.346	ng		99
52) Acenaphthene	14.74	154	243255	42.080	ng		94
53) 3-Nitroaniline	14.60	138	56952	31.186	ng		93
54) 2,4-Dinitrophenol	14.80	184	59628	64.989	ng		91
55) Dibenzofuran	15.07	168	406501	43.762	ng		98
56) 4-Nitrophenol	14.90	139	120596	81.821	ng		97
57) 2,4-Dinitrotoluene	15.04	165	112051	46.742	ng		100
58) Fluorene	15.72	166	323478	44.294	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	88858	44.656	ng		98
60) Diethylphthalate	15.48	149	355533	45.219	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	171072	43.823	ng		99
62) 4-Nitroaniline	15.76	138	90869	46.366	ng		96
63) Azobenzene	16.00	77	329816	44.472	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	55123	36.664	ng		98
66) n-Nitrosodiphenylamine	15.93	169	310775	39.685	ng		96
67) 4-Bromophenyl-phenylether	16.60	248	113510	37.692	ng		97
68) Hexachlorobenzene	16.71	284	115406	38.113	ng		97
69) Atrazine	16.87	200	119136	40.897	ng		97
70) Pentachlorophenol	17.07	266	112590	64.316	ng		99
71) Phenanthrene	17.46	178	585594	41.632	ng		98
72) Anthracene	17.55	178	602433	42.790	ng		99
73) Carbazole	17.83	167	582355	43.707	ng		100
74) Di-n-butylphthalate	18.36	149	695869	44.060	ng		100
75) Fluoranthene	19.47	202	768153	46.119	ng		99
77) Benzidine	19.66	184	264884	23.981	ng		98
78) Pyrene	19.83	202	780503	38.802	ng		99
80) Butylbenzylphthalate	20.70	149	350392	40.708	ng		95
81) Benzo(a)anthracene	21.67	228	725422	38.503	ng		97
82) 3,3'-Dichlorobenzidine	21.59	252	187181	26.117	ng		96
83) Chrysene	21.74	228	723490	39.957	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	508190	41.303	ng		99
85) Di-n-octyl phthalate	22.76	149	876799	41.826	ng		99
86) Indeno(1,2,3-cd)pyrene	28.73	276	881811	39.818	ng	#	89
88) Benzo(b)fluoranthene	23.92	252	799446	41.323	ng		99
89) Benzo(k)fluoranthene	23.99	252	765085	43.004	ng		97
90) Benzo(a)pyrene	24.82	252	777600	42.839	ng		100
91) Dibenzo(a,h)anthracene	28.79	278	718251	42.604	ng		98
92) Benzo(g,h,i)perylene	29.91	276	719704	41.540	ng		98

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

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