Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
Data File : BG040011.D
Acq On : 19 Mar 2019 20:38
Operator : JU/SJ
Sample : K1958-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-3MSD

Manual Integrations APPROVED
Sohil
3/20/2019 4:59:17 PM

Quant Time: Mar 20 04:38:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	42175	20.00	ng		-0.03
21) Naphthalene-d8	10.96	136	176816	20.00	ng		-0.03
39) Acenaphthene-d10	14.77	164	118883	20.00	ng		-0.02
64) Phenanthrene-d10	17.51	188	289706	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	290212	20.00	ng		-0.03
87) Perylene-d12	25.16	264	303477	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	363220	146.93	ng		-0.02
7) Phenol-d6	7.29	99	527287	143.05	ng		-0.02
23) Nitrobenzene-d5	9.33	82	322990	98.80	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	200314	144.56	ng		-0.01
45) 2-Fluorobiphenyl	13.39	172	722046	86.48	ng		-0.03
79) Terphenyl-d14	20.11	244	1129809	85.72	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	25581	22.413	ng		100
3) Pyridine	3.98	79	48297	15.807	ng		96
4) n-Nitrosodimethylamine	3.90	42	43884	30.275	ng	#	92
6) Aniline	7.47	93	77551	16.058	ng		100
8) 2-Chlorophenol	7.70	128	91127	30.384	ng		96
9) Benzaldehyde	7.28	77	33410	14.051	ng		90
10) Phenol	7.32	94	133397	33.406	ng		99
11) bis(2-Chloroethyl)ether	7.56	93	90767	29.154	ng		97
12) 1,3-Dichlorobenzene	8.03	146	95428	28.133	ng		98
13) 1,4-Dichlorobenzene	8.18	146	98919	28.630	ng		98
14) 1,2-Dichlorobenzene	8.50	146	95187	28.514	ng		99
15) Benzyl Alcohol	8.38	79	88209	30.167	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	184322	29.601	ng		98
17) 2-Methylphenol	8.58	107	81472	31.997	ng		99
18) Hexachloroethane	9.23	117	35187	28.383	ng		97
19) n-Nitroso-di-n-propylamine	8.94	70	77025	29.031	ng		95
20) 3+4-Methylphenols	8.91	107	113499	32.086	ng		97
22) Acetophenone	8.97	105	144082	30.361	ng	#	94
24) Nitrobenzene	9.37	77	112202	32.715	ng		99
25) Isophorone	9.88	82	216124	31.550	ng		99
26) 2-Nitrophenol	10.07	139	53694	32.425	ng		93
27) 2,4-Dimethylphenol	10.12	122	94451	36.674	ng		95
28) bis(2-Chloroethoxy)methane	10.36	93	129962	31.219	ng		97
29) 2,4-Dichlorophenol	10.61	162	101346	34.951	ng		96
30) 1,2,4-Trichlorobenzene	10.82	180	102200	31.322	ng		100
31) Naphthalene	11.02	128	294385	31.446	ng		99
32) Benzoic acid	10.22	122	32737m	22.567	ng		
33) 4-Chloroaniline	11.13	127	55851	14.069	ng		99
34) Hexachlorobutadiene	11.28	225	67418	30.237	ng		94
35) Caprolactam	11.90	113	35723	32.251	ng		97
36) 4-Chloro-3-methylphenol	12.23	107	110630	33.283	ng		97
37) 2-Methylnaphthalene	12.61	142	221789	31.688	ng		98
38) 1-Methylnaphthalene	12.83	142	211911	31.155	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	122562	30.432	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	161048	74.617	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	83262	35.312	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	89500	33.675	ng		97
46) 1,1'-Biphenyl	13.60	154	296911	30.365	ng		98
47) 2-Chloronaphthalene	13.65	162	228135	31.014	ng		99
48) 2-Nitroaniline	13.87	65	80739	34.154	ng		93
49) Acenaphthylene	14.49	152	372019	30.808	ng		99
50) Dimethylphthalate	14.22	163	362770	36.493	ng		99
51) 2,6-Dinitrotoluene	14.35	165	70679	33.538	ng		97
52) Acenaphthene	14.84	154	223758	30.787	ng		96
53) 3-Nitroaniline	14.68	138	42533	20.078	ng	#	92
54) 2,4-Dinitrophenol	14.89	184	85619	65.446	ng		98
55) Dibenzofuran	15.17	168	372125	31.207	ng		99
56) 4-Nitrophenol	14.98	139	120181	63.418	ng		95
57) 2,4-Dinitrotoluene	15.14	165	98196	33.161	ng	#	92
58) Fluorene	15.82	166	292300	31.181	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	89250	34.385	ng		98
60) Diethylphthalate	15.57	149	313380	31.845	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	152175	30.421	ng		97
62) 4-Nitroaniline	15.85	138	72606	31.615	ng		93
63) Azobenzene	16.09	77	287611	32.242	ng		98
65) 4,6-Dinitro-2-methylphenol	15.89	198	59805	34.914	ng		98
66) n-Nitrosodiphenylamine	16.02	169	270112	32.206	ng		98
67) 4-Bromophenyl-phenylether	16.69	248	99840	30.788	ng		96
68) Hexachlorobenzene	16.81	284	102616	30.528	ng		94
69) Atrazine	16.96	200	109812	33.268	ng		95
70) Pentachlorophenol	17.16	266	130875	61.650	ng		99
71) Phenanthrene	17.56	178	490066	30.711	ng		100
72) Anthracene	17.65	178	496349	31.919	ng		99
73) Carbazole	17.92	167	447342	31.910	ng		99
74) Di-n-butylphthalate	18.45	149	532347	32.275	ng		100
75) Fluoranthene	19.56	202	587962	31.177	ng		97
77) Benzidine	19.74	184	58655	6.369	ng		96
78) Pyrene	19.92	202	590869	31.332	ng		98
80) Butylbenzylphthalate	20.79	149	247411	33.863	ng		98
81) Benzo(a)anthracene	21.79	228	559155	30.742	ng		98
82) 3,3'-Dichlorobenzidine	21.69	252	122133	18.392	ng		100
83) Chrysene	21.85	228	538781	30.555	ng		98
84) Bis(2-ethylhexyl)phthalate	21.64	149	355993	34.674	ng		98
85) Di-n-octyl phthalate	22.90	149	599619	35.272	ng		97
86) Indeno(1,2,3-cd)pyrene	29.03	276	632910	31.639	ng	#	96
88) Benzo(b)fluoranthene	24.09	252	566327	31.294	ng		98
89) Benzo(k)fluoranthene	24.16	252	534780	31.746	ng		98
90) Benzo(a)pyrene	25.00	252	550425	32.915	ng		99
91) Dibenzo(a,h)anthracene	29.10	278	520003	31.719	ng		98
92) Benzo(g,h,i)perylene	30.24	276	530333	32.210	ng		97

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

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