Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041519\
Data File : BG040483.D
Acq On : 15 Apr 2019 16:59
Operator : JU/SJ
Sample : K2407-07MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-11-DMSD

Manual Integrations APPROVED
Sohil
4/16/2019 5:23:38 PM

Quant Time: Apr 16 02:24:04 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	46037	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	181711	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	117297	20.00	ng		-0.02
64) Phenanthrene-d10	17.42	188	321848	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	314801	20.00	ng		-0.03
87) Perylene-d12	24.98	264	356421	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	377795	136.42	ng		-0.02
7) Phenol-d6	7.21	99	545648	142.57	ng		-0.02
23) Nitrobenzene-d5	9.22	82	325913	95.33	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	228788	180.48	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	722614	91.28	ng		-0.02
79) Terphenyl-d14	20.03	244	1342478	95.94	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	46599	35.786	ng		98
3) Pyridine	3.89	79	123473	35.218	ng		97
4) n-Nitrosodimethylamine	3.82	42	64153	39.557	ng	#	95
6) Aniline	7.38	93	108047	21.730	ng		100
8) 2-Chlorophenol	7.61	128	138840	42.829	ng		94
9) Benzaldehyde	7.19	77	54159	20.630	ng		96
10) Phenol	7.23	94	187754	45.197	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	137523	41.333	ng		97
12) 1,3-Dichlorobenzene	7.94	146	137997	39.160	ng		97
13) 1,4-Dichlorobenzene	8.08	146	144294	41.112	ng		99
14) 1,2-Dichlorobenzene	8.40	146	136202	40.580	ng		97
15) Benzyl Alcohol	8.29	79	128847	41.803	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	263997	41.343	ng		98
17) 2-Methylphenol	8.49	107	129745	45.136	ng		98
18) Hexachloroethane	9.12	117	50860	38.096	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	111148	40.506	ng		97
20) 3+4-Methylphenols	8.82	107	179513	46.098	ng		96
22) Acetophenone	8.88	105	219042	48.324	ng	#	98
24) Nitrobenzene	9.26	77	167197	47.230	ng		96
25) Isophorone	9.77	82	329096	46.786	ng		98
26) 2-Nitrophenol	9.97	139	79707	47.517	ng		97
27) 2,4-Dimethylphenol	10.02	122	148457	55.717	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	193663	46.536	ng		98
29) 2,4-Dichlorophenol	10.51	162	148364	51.300	ng		97
30) 1,2,4-Trichlorobenzene	10.71	180	146985	46.285	ng		98
31) Naphthalene	10.91	128	453483	48.688	ng		97
33) 4-Chloroaniline	11.03	127	99534	25.053	ng		96
34) Hexachlorobutadiene	11.17	225	88697	43.672	ng		94
35) Caprolactam	11.81	113	56894m	49.572	ng		
36) 4-Chloro-3-methylphenol	12.14	107	175697	52.844	ng		99
37) 2-Methylnaphthalene	12.51	142	339216	49.244	ng		99
38) 1-Methylnaphthalene	12.73	142	324778	48.621	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	174346	46.765	ng		99
41) Hexachlorocyclopentadiene	12.84	237	178735	87.315	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.12	196	121963	50.741	ng		93
44) 2,4,5-Trichlorophenol	13.19	196	137061	52.315	ng		99
46) 1,1'-Biphenyl	13.51	154	441038	47.587	ng		99
47) 2-Chloronaphthalene	13.56	162	342137	48.126	ng		99
48) 2-Nitroaniline	13.78	65	123699	51.585	ng		94
49) Acenaphthylene	14.40	152	576924	47.864	ng		99
50) Dimethylphthalate	14.13	163	655120	71.363	ng		99
51) 2,6-Dinitrotoluene	14.26	165	106631	51.731	ng		96
52) Acenaphthene	14.74	154	334925	48.492	ng		99
53) 3-Nitroaniline	14.60	138	75175	34.454	ng		95
54) 2,4-Dinitrophenol	14.80	184	95826	87.414	ng		96
55) Dibenzofuran	15.07	168	561958	50.635	ng		99
56) 4-Nitrophenol	14.90	139	190024	107.907	ng		98
57) 2,4-Dinitrotoluene	15.04	165	158711	55.413	ng		95
58) Fluorene	15.73	166	447719	51.311	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	136557	57.439	ng		97
60) Diethylphthalate	15.48	149	502386	53.480	ng		100
61) 4-Chlorophenyl-phenylether	15.71	204	239645	51.381	ng		96
62) 4-Nitroaniline	15.76	138	131591	56.198	ng		97
63) Azobenzene	16.00	77	466599	52.658	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	88693	49.051	ng		96
66) n-Nitrosodiphenylamine	15.93	169	438480	46.557	ng		97
67) 4-Bromophenyl-phenylether	16.61	248	165469	45.686	ng		95
68) Hexachlorobenzene	16.72	284	166860	45.820	ng		96
69) Atrazine	16.87	200	175433	50.074	ng		98
70) Pentachlorophenol	17.07	266	190415	90.441	ng		94
71) Phenanthrene	17.47	178	823376	48.672	ng		98
72) Anthracene	17.56	178	840765	49.654	ng		100
73) Carbazole	17.84	167	828637	51.710	ng		99
74) Di-n-butylphthalate	18.36	149	975187	51.340	ng		99
75) Fluoranthene	19.47	202	1049027	52.368	ng		99
77) Benzidine	19.66	184	343614	30.227	ng		97
78) Pyrene	19.84	202	1057984	51.106	ng		99
80) Butylbenzylphthalate	20.70	149	478661	54.034	ng		98
81) Benzo(a)anthracene	21.68	228	975485	50.309	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	215175	29.172	ng		98
83) Chrysene	21.75	228	966277	51.853	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	691189	54.583	ng		99
85) Di-n-octyl phthalate	22.76	149	1177744	54.589	ng		99
86) Indeno(1,2,3-cd)pyrene	28.74	276	1191046	52.258	ng	#	86
88) Benzo(b)fluoranthene	23.93	252	1036893	47.517	ng		98
89) Benzo(k)fluoranthene	24.00	252	1034124	51.533	ng		99
90) Benzo(a)pyrene	24.83	252	1033116	50.459	ng		99
91) Dibenzo(a,h)anthracene	28.80	278	972758	51.156	ng		99
92) Benzo(g,h,i)perylene	29.94	276	975273	49.906	ng		98

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

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