Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041919\
Data File : BG040563.D
Acq On : 19 Apr 2019 15:57
Operator : JU/SJ
Sample : K2475-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-TRACK-8-9MS

Quant Time: Apr 20 02:03:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 13 00:33:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	53535	20.00	ng		-0.01
21) Naphthalene-d8	10.85	136	222093	20.00	ng		-0.01
39) Acenaphthene-d10	14.66	164	155039	20.00	ng		-0.01
64) Phenanthrene-d10	17.41	188	479130	20.00	ng		0.00
76) Chrysene-d12	21.69	240	350708	20.00	ng		0.00
87) Perylene-d12	24.97	264	398423	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	396349	123.08	ng		-0.01
7) Phenol-d6	7.19	99	577719	129.81	ng		0.00
23) Nitrobenzene-d5	9.21	82	341621	81.76	ng		-0.01
42) 2,4,6-Tribromophenol	16.16	330	227940	136.04	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	673618	64.38	ng		-0.01
79) Terphenyl-d14	20.02	244	1110537	71.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	50559	33.389	ng		98
3) Pyridine	3.88	79	132698	32.548	ng		94
4) n-Nitrosodimethylamine	3.80	42	75534	40.052	ng		96
6) Aniline	7.36	93	130286	22.532	ng		97
8) 2-Chlorophenol	7.60	128	147009	38.998	ng		96
9) Benzaldehyde	7.17	77	47318	15.500	ng		94
10) Phenol	7.21	94	204953	42.427	ng		96
11) bis(2-Chloroethyl)ether	7.45	93	142246	36.765	ng		97
12) 1,3-Dichlorobenzene	7.91	146	149723	36.537	ng		93
13) 1,4-Dichlorobenzene	8.07	146	152640	37.399	ng		98
14) 1,2-Dichlorobenzene	8.38	146	150737	38.620	ng		98
15) Benzyl Alcohol	8.27	79	142272	39.694	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	280118	37.724	ng		99
17) 2-Methylphenol	8.47	107	141484	42.326	ng		99
18) Hexachloroethane	9.11	117	56027	36.089	ng		98
19) n-Nitroso-di-n-propylamine	8.84	70	120126	37.646	ng		95
20) 3+4-Methylphenols	8.80	107	196870	43.475	ng		98
22) Acetophenone	8.87	105	250763	45.263	ng	#	97
24) Nitrobenzene	9.25	77	179192	41.414	ng		96
25) Isophorone	9.76	82	354186	41.198	ng		99
26) 2-Nitrophenol	9.96	139	87387	42.623	ng		99
27) 2,4-Dimethylphenol	10.01	122	155980	47.896	ng		99
28) bis(2-Chloroethoxy)methane	10.24	93	205242	40.351	ng		99
29) 2,4-Dichlorophenol	10.49	162	164478	46.531	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	153968	39.668	ng		98
31) Naphthalene	10.89	128	485070	42.610	ng		98
32) Benzoic acid	10.16	122	60891m	30.947	ng		
33) 4-Chloroaniline	11.02	127	89133	18.356	ng		96
34) Hexachlorobutadiene	11.16	225	90160	36.321	ng		96
35) Caprolactam	11.80	113	69616m	49.628	ng		
36) 4-Chloro-3-methylphenol	12.13	107	199284	49.040	ng		98
37) 2-Methylnaphthalene	12.50	142	372842	44.284	ng		98
38) 1-Methylnaphthalene	12.71	142	353171	43.258	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	184604	37.463	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	171229	63.286	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	138034	43.447	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	147074	42.472	ng		97
46) 1,1'-Biphenyl	13.50	154	480753	39.245	ng		98
47) 2-Chloronaphthalene	13.55	162	372409	39.632	ng		99
48) 2-Nitroaniline	13.76	65	139941	44.152	ng		93
49) Acenaphthylene	14.39	152	642379	40.321	ng		99
50) Dimethylphthalate	14.12	163	576841	47.539	ng		99
51) 2,6-Dinitrotoluene	14.25	165	116722	42.841	ng		96
52) Acenaphthene	14.73	154	376877	41.283	ng		98
53) 3-Nitroaniline	14.59	138	67947	23.560	ng	#	89
54) 2,4-Dinitrophenol	14.79	184	129965	89.696	ng		98
55) Dibenzofuran	15.06	168	613334	41.811	ng		98
56) 4-Nitrophenol	14.89	139	216775	93.132	ng		93
57) 2,4-Dinitrotoluene	15.04	165	172058	45.449	ng		98
58) Fluorene	15.71	166	499418	43.303	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	148573	47.280	ng		99
60) Diethylphthalate	15.47	149	553580	44.584	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	257690	41.800	ng		95
62) 4-Nitroaniline	15.75	138	136300	44.039	ng		93
63) Azobenzene	15.99	77	506920	43.282	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	92024	34.186	ng		95
66) n-Nitrosodiphenylamine	15.92	169	471706	33.644	ng		97
67) 4-Bromophenyl-phenylether	16.59	248	172458	31.985	ng		94
68) Hexachlorobenzene	16.71	284	178694	32.962	ng		95
69) Atrazine	16.86	200	179625	34.440	ng		98
70) Pentachlorophenol	17.06	266	211680	67.537	ng		95
71) Phenanthrene	17.46	178	876783	34.815	ng		99
72) Anthracene	17.55	178	893440	35.444	ng		100
73) Carbazole	17.83	167	838705	35.157	ng		98
74) Di-n-butylphthalate	18.35	149	997982	35.293	ng		99
75) Fluoranthene	19.46	202	1065334	35.724	ng		100
77) Benzidine	19.65	184	356657	28.162	ng		96
78) Pyrene	19.83	202	1062352	46.063	ng		98
80) Butylbenzylphthalate	20.70	149	462350	46.849	ng		97
81) Benzo(a)anthracene	21.67	228	947298	43.853	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	213501	25.982	ng		100
83) Chrysene	21.74	228	933493	44.965	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	650833	46.134	ng		98
85) Di-n-octyl phthalate	22.75	149	1119185	46.564	ng		99
86) Indeno(1,2,3-cd)pyrene	28.74	276	1165092	45.885	ng	#	91
88) Benzo(b)fluoranthene	23.92	252	1011383	41.462	ng		98
89) Benzo(k)fluoranthene	23.99	252	977710	43.585	ng		98
90) Benzo(a)pyrene	24.82	252	1000098	43.697	ng		98
91) Dibenzo(a,h)anthracene	28.80	278	936796	44.071	ng		97
92) Benzo(g,h,i)perylene	29.93	276	983206	45.008	ng		98

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

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