Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041819.D
Acq On : 31 Jul 2019 2:20
Operator : HP/JU
Sample : K4045-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW7-20190726-QC

Quant Time: Jul 31 04:11:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	97267	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	374111	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	215626	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	728890	20.00	ng		0.00
76) Chrysene-d12	21.73	240	618566	20.00	ng		0.00
87) Perylene-d12	25.00	264	71055	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	621077	124.23	ng		0.00
7) Phenol-d6	7.19	99	709815	105.32	ng		0.00
23) Nitrobenzene-d5	9.21	82	574334	105.65	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	507916	207.38	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1541945	126.12	ng		0.00
79) Terphenyl-d14	20.07	244	2597134	96.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	7267	3.088	ng	#	77
4) n-Nitrosodimethylamine	3.79	42	8047	3.146	ng	#	97
8) 2-Chlorophenol	7.60	128	18963	3.313	ng		94
9) Benzaldehyde	7.17	77	14878	3.137	ng		99
10) Phenol	7.22	94	28006	3.994	ng		93
11) bis(2-Chloroethyl)ether	7.45	93	16417	2.848	ng		87
12) 1,3-Dichlorobenzene	7.93	146	21685	2.902	ng		94
13) 1,4-Dichlorobenzene	8.08	146	21670	2.899	ng		94
14) 1,2-Dichlorobenzene	8.40	146	20286	2.844	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	28004	2.731	ng		91
17) 2-Methylphenol	8.48	107	12987	2.547	ng		95
18) Hexachloroethane	9.14	117	7796	3.045	ng	#	85
19) n-Nitroso-di-n-propylamine	8.85	70	19235	3.931	ng		90
20) 3+4-Methylphenols	8.80	107	18046	2.586	ng		94
22) Acetophenone	8.86	105	28410	3.395	ng	#	91
24) Nitrobenzene	9.25	77	20583	3.594	ng		95
25) Isophorone	9.77	82	46479	3.930	ng		96
26) 2-Nitrophenol	9.97	139	9287	3.494	ng		97
27) 2,4-Dimethylphenol	10.03	122	13221	2.818	ng		90
29) 2,4-Dichlorophenol	10.51	162	19139	3.350	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	21767	3.005	ng		98
31) Naphthalene	10.92	128	56255	3.286	ng		95
32) Benzoic acid	10.22	122	923	8.954	ng	#	41
34) Hexachlorobutadiene	11.22	225	15003	3.068	ng		91
35) Caprolactam	11.77	113	4159	2.095	ng	#	71
36) 4-Chloro-3-methylphenol	12.14	107	19600	3.460	ng		98
37) 2-Methylnaphthalene	12.53	142	43919	3.241	ng		95
38) 1-Methylnaphthalene	12.75	142	43354	3.376	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	28745	4.211	ng	#	97
41) Hexachlorocyclopentadiene	12.88	237	9543	2.487	ng		98
43) 2,4,6-Trichlorophenol	13.13	196	15143	3.510	ng		94
44) 2,4,5-Trichlorophenol	13.20	196	18054	4.027	ng		97
46) 1,1'-Biphenyl	13.53	154	61538	4.440	ng		95
47) 2-Chloronaphthalene	13.58	162	44709	3.789	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) Dimethylphthalate	14.15	163	205770	13.973	ng		100
51) 2,6-Dinitrotoluene	14.26	165	13439	4.364	ng		93
52) Acenaphthene	14.76	154	35943	3.131	ng		93
54) 2,4-Dinitrophenol	14.80	184	2339	5.000	ng	#	83
55) Dibenzofuran	15.10	168	81020	4.614	ng		93
56) 4-Nitrophenol	14.90	139	6932	2.772	ng		85
57) 2,4-Dinitrotoluene	15.05	165	19534	4.613	ng		95
58) Fluorene	15.75	166	67846	4.814	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.32	232	14460	3.257	ng	#	89
60) Diethylphthalate	15.51	149	75589	5.228	ng		95
61) 4-Chlorophenyl-phenylether	15.74	204	37940	4.410	ng		92
65) 4,6-Dinitro-2-methylphenol	15.81	198	6122	8.323	ng		93
67) 4-Bromophenyl-phenylether	16.64	248	26303	2.930	ng		96
68) Hexachlorobenzene	16.76	284	26195	2.789	ng		92
71) Phenanthrene	17.49	178	125833	3.602	ng	#	91
72) Anthracene	17.49	178	125833	3.611	ng		91
74) Di-n-butylphthalate	18.42	149	129364	3.649	ng	#	93
75) Fluoranthene	19.50	202	142259	3.350	ng		85
77) Benzidine	20.07	184	46836	2.320	ng	#	94
81) Benzo(a)anthracene	21.71	228	121129	3.310	ng	#	89
83) Chrysene	21.78	228	131680	3.754	ng	#	88
84) Bis(2-ethylhexyl)phthalate	21.63	149	81327	4.196	ng		93
85) Di-n-octyl phthalate	22.86	149	125006	3.832	ng	#	93
88) Benzo(b)fluoranthene	24.03	252	80686	20.758	ng		95
89) Benzo(k)fluoranthene	24.03	252	80686	21.310	ng	#	95
90) Benzo(a)pyrene	24.84	252	30794	8.260	ng		97
91) Dibenzo(a,h)anthracene	28.80	278	108059	29.520	ng	#	93
92) Benzo(g,h,i)perylene	29.88	276	41940	11.468	ng		95

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

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