Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
Data File : BG040275.D
Acq On : 1 Apr 2019 21:37
Operator : JU/SJ
Sample : K2173-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T-3MSD

Manual Integrations APPROVED
Sohil
4/2/2019 4:00:23 PM

Quant Time: Apr 02 04:34:41 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	64545	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	293698	20.00	ng		-0.02
39) Acenaphthene-d10	14.69	164	197627	20.00	ng		-0.02
64) Phenanthrene-d10	17.43	188	510866	20.00	ng		-0.02
76) Chrysene-d12	21.72	240	480483	20.00	ng		-0.01
87) Perylene-d12	25.06	264	493829	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	76767	19.77	ng		-0.01
7) Phenol-d6	7.21	99	532221	99.19	ng		-0.02
23) Nitrobenzene-d5	9.23	82	467817	84.67	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	19921	9.33	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	1143933	85.77	ng		-0.02
79) Terphenyl-d14	20.03	244	1704188	79.79	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	61289	33.571	ng		97
3) Pyridine	3.90	79	168140	34.206	ng		98
4) n-Nitrosodimethylamine	3.82	42	82634	36.342	ng	#	91
6) Aniline	7.38	93	133310	19.122	ng		93
8) 2-Chlorophenol	7.62	128	50161	11.037	ng		92
9) Benzaldehyde	7.19	77	132737	36.063	ng		99
10) Phenol	7.24	94	133265	22.881	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	193835	41.553	ng		99
12) 1,3-Dichlorobenzene	7.94	146	194688	39.405	ng		96
13) 1,4-Dichlorobenzene	8.09	146	195882	39.807	ng		99
14) 1,2-Dichlorobenzene	8.40	146	189985	40.373	ng		99
15) Benzyl Alcohol	8.29	79	191400	44.292	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	350017	39.096	ng		99
17) 2-Methylphenol	8.49	107	177825	44.123	ng		98
18) Hexachloroethane	9.13	117	71077	37.973	ng		96
19) n-Nitroso-di-n-propylamine	8.86	70	157166	40.852	ng		97
20) 3+4-Methylphenols	8.82	107	233902	42.842	ng		99
22) Acetophenone	8.88	105	307188	41.930	ng	#	97
24) Nitrobenzene	9.27	77	230428	40.272	ng		99
25) Isophorone	9.78	82	459382	40.406	ng		99
26) 2-Nitrophenol	9.98	139	10405	3.838	ng	#	83
27) 2,4-Dimethylphenol	10.03	122	217849	50.585	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	282832	42.049	ng		99
29) 2,4-Dichlorophenol	10.51	162	41736	8.928	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	215559	41.997	ng		98
31) Naphthalene	10.92	128	637148	42.324	ng		99
33) 4-Chloroaniline	11.03	127	172904	26.926	ng		98
34) Hexachlorobutadiene	11.18	225	126372	38.497	ng		98
35) Caprolactam	11.81	113	87546	47.194	ng		92
36) 4-Chloro-3-methylphenol	12.15	107	232102	43.190	ng		99
37) 2-Methylnaphthalene	12.52	142	498020	44.730	ng		98
38) 1-Methylnaphthalene	12.74	142	482622	44.702	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	259617	41.332	ng		98
41) Hexachlorocyclopentadiene	12.85	237	289431	83.920	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.20	196	13290	3.011	ng	89
46) 1,1'-Biphenyl	13.52	154	666110	42.658	ng	99
47) 2-Chloronaphthalene	13.57	162	517083	43.170	ng	99
48) 2-Nitroaniline	13.78	65	182605	45.197	ng	99
49) Acenaphthylene	14.41	152	873531	43.014	ng	100
50) Dimethylphthalate	14.14	163	762543	49.301	ng	100
51) 2,6-Dinitrotoluene	14.27	165	159396	45.897	ng	99
52) Acenaphthene	14.75	154	511311	43.939	ng	98
53) 3-Nitroaniline	14.60	138	150497	40.938	ng	94
55) Dibenzofuran	15.09	168	852187	45.575	ng	99
57) 2,4-Dinitrotoluene	15.05	165	229194	47.495	ng	98
58) Fluorene	15.73	166	666729	45.352	ng	98
60) Diethylphthalate	15.48	149	720111	45.498	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	368142	46.848	ng	99
62) 4-Nitroaniline	15.77	138	184666	46.808	ng	96
63) Azobenzene	16.01	77	671142	44.955	ng	98
66) n-Nitrosodiphenylamine	15.94	169	639333	42.767	ng	97
67) 4-Bromophenyl-phenylether	16.61	248	245103	42.634	ng	99
68) Hexachlorobenzene	16.72	284	248000	42.904	ng	97
69) Atrazine	16.88	200	233755	42.034	ng	99
71) Phenanthrene	17.48	178	1118989	41.672	ng	98
72) Anthracene	17.56	178	1150970	42.824	ng	98
73) Carbazole	17.84	167	1062826	41.785	ng	100
74) Di-n-butylphthalate	18.37	149	1241283	41.170	ng	99
75) Fluoranthene	19.48	202	1310094	41.203	ng	99
77) Benzidine	19.67	184	596541	34.381	ng	99
78) Pyrene	19.84	202	1293321	40.932	ng	97
80) Butylbenzylphthalate	20.71	149	568060	42.014	ng	98
81) Benzo(a)anthracene	21.69	228	1187373	40.121	ng	97
82) 3,3'-Dichlorobenzidine	21.61	252	289547	25.719	ng	98
83) Chrysene	21.77	228	1206376	42.414	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	801672	41.478	ng	99
85) Di-n-octyl phthalate	22.81	149	1375947	41.785	ng	100
86) Indeno(1,2,3-cd)pyrene	28.88	276	1489212m	42.809	ng	
88) Benzo(b)fluoranthene	23.96	252	1286325	42.545	ng	98
89) Benzo(k)fluoranthene	24.05	252	1249190	44.929	ng	99
90) Benzo(a)pyrene	24.90	252	1260628	44.439	ng	99
91) Dibenzo(a,h)anthracene	29.00	278	1216103	46.158	ng	98
92) Benzo(g,h,i)perylene	30.21	276	1240428	45.812	ng	98

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

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