Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040258.D
Acq On : 30 Mar 2019 12:35
Operator : JU/SJ
Sample : K1697-14MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-02-032719-AMS

Manual Integrations APPROVED
Sohil
4/1/2019 10:06:15 AM

Quant Time: Apr 01 02:33:34 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	8.06	152	62569	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	273793	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	185747	20.00	ng	-0.02
64) Phenanthrene-d10	17.44	188	470905	20.00	ng	-0.01
76) Chrysene-d12	21.72	240	468199	20.00	ng	0.00
87) Perylene-d12	25.03	264	480885	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	471710	125.33	ng	0.00
7) Phenol-d6	7.21	99	641797	123.39	ng	-0.01
23) Nitrobenzene-d5	9.23	82	431273	83.73	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	296736	147.82	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	973847	77.69	ng	-0.01
79) Terphenyl-d14	20.04	244	1653560	79.45	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	60846	34.381	ng	# 30
3) Pyridine	3.92	79	148431	31.150	ng	99
4) n-Nitrosodimethylamine	3.83	42	80076	36.330	ng	98
6) Aniline	7.39	93	101652	15.042	ng	95
8) 2-Chlorophenol	7.62	128	184422	41.859	ng	94
9) Benzaldehyde	7.20	77	36018	10.095	ng	96
10) Phenol	7.24	94	218356	38.675	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	180830	39.989	ng	97
12) 1,3-Dichlorobenzene	7.94	146	183045	38.219	ng	97
13) 1,4-Dichlorobenzene	8.09	146	189208	39.665	ng	99
14) 1,2-Dichlorobenzene	8.41	146	183704	40.271	ng	99
15) Benzyl Alcohol	8.30	79	173278	41.364	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	329838	38.006	ng	100
17) 2-Methylphenol	8.49	107	168338	43.088	ng	97
18) Hexachloroethane	9.13	117	68285	37.634	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	150145	40.260	ng	95
20) 3+4-Methylphenols	8.82	107	231817	43.801	ng	99
22) Acetophenone	8.89	105	290818	42.581	ng	# 96
24) Nitrobenzene	9.27	77	220955	41.424	ng	96
25) Isophorone	9.79	82	443847	41.878	ng	98
26) 2-Nitrophenol	9.99	139	102309	40.479	ng	96
27) 2,4-Dimethylphenol	10.03	122	199630	49.725	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	261210	41.658	ng	98
29) 2,4-Dichlorophenol	10.51	162	197949	45.425	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	195522	40.862	ng	97
31) Naphthalene	10.92	128	592124	42.192	ng	99
32) Benzoic acid	10.17	122	78563m	32.388	ng	
33) 4-Chloroaniline	11.04	127	21550	3.600	ng	99
34) Hexachlorobutadiene	11.18	225	117074	38.257	ng	93
35) Caprolactam	11.82	113	65041m	37.611	ng	
36) 4-Chloro-3-methylphenol	12.15	107	233351	46.580	ng	100
37) 2-Methylnaphthalene	12.52	142	451852	43.534	ng	99
38) 1-Methylnaphthalene	12.74	142	436106	43.330	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	229102	38.807	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	257335	79.386	ng		95
43) 2,4,6-Trichlorophenol	13.12	196	168531	44.277	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	180978	43.622	ng		95
46) 1,1'-Biphenyl	13.52	154	587503	40.030	ng		99
47) 2-Chloronaphthalene	13.57	162	460262	40.884	ng		100
48) 2-Nitroaniline	13.78	65	159298	41.950	ng		97
49) Acenaphthylene	14.42	152	781165	40.926	ng		98
50) Dimethylphthalate	14.14	163	627767	43.183	ng		99
51) 2,6-Dinitrotoluene	14.27	165	141719	43.417	ng		95
52) Acenaphthene	14.75	154	467846	42.775	ng		98
53) 3-Nitroaniline	14.60	138	53707	15.544	ng		97
54) 2,4-Dinitrophenol	14.81	184	136357	78.549	ng		92
55) Dibenzofuran	15.09	168	750012	42.676	ng		98
56) 4-Nitrophenol	14.91	139	226676	81.286	ng		97
57) 2,4-Dinitrotoluene	15.06	165	206485	45.526	ng		99
58) Fluorene	15.73	166	602991	43.640	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.31	232	182573	48.495	ng		98
60) Diethylphthalate	15.49	149	659706	44.347	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	320958	43.456	ng		98
62) 4-Nitroaniline	15.77	138	155791	42.015	ng		99
63) Azobenzene	16.01	77	603037	42.976	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	110766	41.868	ng		98
66) n-Nitrosodiphenylamine	15.94	169	562894	40.849	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	219801	41.477	ng		100
68) Hexachlorobenzene	16.73	284	222045	41.673	ng		97
69) Atrazine	16.88	200	212555	41.466	ng		98
70) Pentachlorophenol	17.08	266	245769	79.783	ng		96
71) Phenanthrene	17.48	178	1032748	41.724	ng		99
72) Anthracene	17.57	178	1055309	42.597	ng		99
73) Carbazole	17.84	167	986666	42.082	ng		99
74) Di-n-butylphthalate	18.38	149	1154017	41.523	ng		100
75) Fluoranthene	19.49	202	1239659	42.296	ng		100
77) Benzidine	19.67	184	97379	5.760	ng		95
78) Pyrene	19.84	202	1250659	40.620	ng		98
80) Butylbenzylphthalate	20.71	149	537012	40.759	ng		99
81) Benzo(a)anthracene	21.69	228	1143088	39.638	ng		97
82) 3,3'-Dichlorobenzidine	21.61	252	200091	18.239	ng		99
83) Chrysene	21.77	228	1157397	41.760	ng		98
84) Bis(2-ethylhexyl)phthalate	21.56	149	757012	40.195	ng		99
85) Di-n-octyl phthalate	22.79	149	1295597	40.377	ng		99
86) Indeno(1,2,3-cd)pyrene	28.83	276	1440662	42.500	ng	#	87
88) Benzo(b)fluoranthene	23.96	252	1227396	41.689	ng		98
89) Benzo(k)fluoranthene	24.04	252	1213307	44.813	ng		98
90) Benzo(a)pyrene	24.87	252	1216535	44.039	ng		99
91) Dibenzo(a,h)anthracene	28.92	278	1173136	45.726	ng		98
92) Benzo(g,h,i)perylene	30.12	276	1201550	45.571	ng		100

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

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