Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
Data File : BG039201.D
Acq On : 18 Jan 2019 2:30
Operator : JU/SJ
Sample : K1153-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Manual Integrations APPROVED
Sohil
1/18/2019 11:24:18 AM

Quant Time: Jan 18 05:34:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	29484	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	118475	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	80462	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	211534	20.00	ng	0.00
76) Chrysene-d12	21.68	240	217293	20.00	ng	0.00
87) Perylene-d12	24.95	264	225838	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	209241	134.62	ng	0.00
7) Phenol-d6	7.18	99	260960	116.67	ng	0.00
23) Nitrobenzene-d5	9.19	82	193393	89.32	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	168122	124.65	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	486207	82.70	ng	0.00
79) Terphenyl-d14	20.01	244	951035	80.96	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	19870	32.646	ng	# 1
3) Pyridine	3.87	79	53280	32.216	ng	90
4) n-Nitrosodimethylamine	3.78	42	30116	40.467	ng	87
6) Aniline	7.34	93	17565	6.539	ng	97
8) 2-Chlorophenol	7.58	128	73070	39.882	ng	95
9) Benzaldehyde	7.16	77	20260	15.706	ng	96
10) Phenol	7.21	94	77328	34.482	ng	94
11) bis(2-Chloroethyl)ether	7.44	93	68766	40.121	ng	98
12) 1,3-Dichlorobenzene	7.90	146	74729	34.043	ng	99
13) 1,4-Dichlorobenzene	8.05	146	77079	34.671	ng	99
14) 1,2-Dichlorobenzene	8.37	146	74683	35.233	ng	96
15) Benzyl Alcohol	8.26	79	65622	38.957	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	128602	39.130	ng	99
17) 2-Methylphenol	8.46	107	61495	39.492	ng	97
18) Hexachloroethane	9.09	117	27384	36.257	ng	99
19) n-Nitroso-di-n-propylamine	8.82	70	55327	37.667	ng	93
20) 3+4-Methylphenols	8.79	107	84294	37.968	ng	98
22) Acetophenone	8.85	105	113534	36.695	ng	# 96
24) Nitrobenzene	9.24	77	83414	38.116	ng	97
25) Isophorone	9.75	82	163702	43.893	ng	98
26) 2-Nitrophenol	9.95	139	44727	37.785	ng	98
27) 2,4-Dimethylphenol	9.99	122	74032	44.454	ng	85
28) bis(2-Chloroethoxy)methane	10.23	93	97839	43.649	ng	99
29) 2,4-Dichlorophenol	10.48	162	84602	40.892	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	84414	33.958	ng	96
31) Naphthalene	10.88	128	236321	39.771	ng	98
32) Benzoic acid	10.16	122	11235m	18.258	ng	
33) 4-Chloroaniline	11.02	127	4762m	1.791	ng	
34) Hexachlorobutadiene	11.14	225	55934	32.701	ng	95
35) Caprolactam	11.79	113	19790m	23.854	ng	
36) 4-Chloro-3-methylphenol	12.12	107	87393	39.494	ng	95
37) 2-Methylnaphthalene	12.48	142	176738	39.672	ng	99
38) 1-Methylnaphthalene	12.70	142	169795	39.708	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	107098	35.442	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	102957	61.893 ng		98
43) 2,4,6-Trichlorophenol	13.10	196	74420	39.130 ng		99
44) 2,4,5-Trichlorophenol	13.17	196	80170	39.884 ng		96
46) 1,1'-Biphenyl	13.49	154	238655	37.432 ng		99
47) 2-Chloronaphthalene	13.54	162	190486	36.921 ng		99
48) 2-Nitroaniline	13.75	65	58149	40.230 ng		94
49) Acenaphthylene	14.38	152	313102	40.375 ng		98
50) Dimethylphthalate	14.11	163	263688	38.781 ng		99
51) 2,6-Dinitrotoluene	14.24	165	59261	38.983 ng		96
52) Acenaphthene	14.72	154	182495	39.168 ng		94
53) 3-Nitroaniline	14.58	138	4044	2.622 ng	#	87
54) 2,4-Dinitrophenol	14.79	184	29701	35.865 ng		93
55) Dibenzofuran	15.05	168	309657	37.631 ng		99
56) 4-Nitrophenol	14.89	139	78137	70.420 ng		94
57) 2,4-Dinitrotoluene	15.03	165	86585	39.700 ng		95
58) Fluorene	15.70	166	252471	40.761 ng		95
59) 2,3,4,6-Tetrachlorophenol	15.28	232	76615	40.377 ng		98
60) Diethylphthalate	15.46	149	273541	39.047 ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	140263	35.944 ng		96
62) 4-Nitroaniline	15.75	138	51559	32.094 ng		93
63) Azobenzene	15.98	77	218711	39.922 ng		99
65) 4,6-Dinitro-2-methylphenol	15.79	198	33936	21.654 ng		95
66) n-Nitrosodiphenylamine	15.91	169	231935	36.986 ng		97
67) 4-Bromophenyl-phenylether	16.59	248	94018	34.576 ng		97
68) Hexachlorobenzene	16.70	284	99911	33.673 ng		98
69) Atrazine	16.85	200	97712	36.679 ng		99
70) Pentachlorophenol	17.06	266	87656	50.148 ng		94
71) Phenanthrene	17.45	178	448867	40.145 ng		99
72) Anthracene	17.54	178	452298	40.913 ng		99
73) Carbazole	17.81	167	408518	37.433 ng		98
74) Di-n-butylphthalate	18.34	149	481167	39.632 ng		99
75) Fluoranthene	19.46	202	559089	40.336 ng		99
77) Benzidine	19.65	184	53414	8.037 ng		97
78) Pyrene	19.82	202	564257	40.747 ng		99
80) Butylbenzylphthalate	20.69	149	217767	41.347 ng		97
81) Benzo(a)anthracene	21.66	228	540682	40.875 ng		100
82) 3,3'-Dichlorobenzidine	21.58	252	43944	8.154 ng		98
83) Chrysene	21.73	228	507508	40.340 ng		99
84) Bis(2-ethylhexyl)phthalate	21.53	149	303211	41.462 ng		97
85) Di-n-octyl phthalate	22.74	149	512847	41.473 ng		100
86) Indeno(1,2,3-cd)pyrene	28.69	276	600509	39.947 ng		100
88) Benzo(b)fluoranthene	23.91	252	539444	43.320 ng		99
89) Benzo(k)fluoranthene	23.97	252	522096m	42.405 ng		
90) Benzo(a)pyrene	24.79	252	511733	42.515 ng	#	98
91) Dibenzo(a,h)anthracene	28.75	278	490602	40.978 ng		97
92) Benzo(g,h,i)perylene	29.88	276	492322	41.538 ng	#	95

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

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