Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
Data File : BG039339.D
Acq On : 30 Jan 2019 22:31
Operator : JU/SJ
Sample : K1282-04MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1MS

Manual Integrations APPROVED
mohammad
2/1/2019 12:05:45 AM

Quant Time: Jan 31 06:11:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	42909	20.00	ng		0.00
21) Naphthalene-d8	11.01	136	185024	20.00	ng		0.00
39) Acenaphthene-d10	14.80	164	125772	20.00	ng		0.00
64) Phenanthrene-d10	17.55	188	307364	20.00	ng		0.00
76) Chrysene-d12	21.85	240	317794	20.00	ng		0.00
87) Perylene-d12	25.23	264	335393	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	359801	143.51	ng		0.00
7) Phenol-d6	7.32	99	489615	132.67	ng		0.00
23) Nitrobenzene-d5	9.36	82	318786	107.64	ng		0.00
42) 2,4,6-Tribromophenol	16.29	330	206414	152.41	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	779598	88.92	ng		0.00
79) Terphenyl-d14	20.14	244	1303657	86.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	37871	34.533	ng	#	47
3) Pyridine	4.03	79	103920	35.791	ng		97
4) n-Nitrosodimethylamine	3.94	42	69674	47.982	ng		97
6) Aniline	7.51	93	40047	8.664	ng		99
8) 2-Chlorophenol	7.74	128	128550	46.908	ng		97
9) Benzaldehyde	7.32	77	104080	70.365	ng		98
10) Phenol	7.35	94	162220	42.169	ng		99
11) bis(2-Chloroethyl)ether	7.60	93	126859	41.733	ng		98
12) 1,3-Dichlorobenzene	8.07	146	134445	40.497	ng		98
13) 1,4-Dichlorobenzene	8.22	146	137877	41.667	ng		98
14) 1,2-Dichlorobenzene	8.53	146	131801	41.145	ng		99
15) Benzyl Alcohol	8.42	79	132281	45.658	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.71	45	279091	40.657	ng		99
17) 2-Methylphenol	8.61	107	112360	45.135	ng		96
18) Hexachloroethane	9.27	117	48483	42.588	ng		98
19) n-Nitroso-di-n-propylamine	8.99	70	109724	41.891	ng		99
20) 3+4-Methylphenols	8.93	107	159510	46.530	ng		97
22) Acetophenone	9.01	105	199299	40.100	ng		99
24) Nitrobenzene	9.40	77	155960	48.743	ng		97
25) Isophorone	9.92	82	309098	47.096	ng		99
26) 2-Nitrophenol	10.11	139	65294	51.066	ng	#	91
27) 2,4-Dimethylphenol	10.15	122	140466	52.907	ng		96
28) bis(2-Chloroethoxy)methane	10.40	93	183300	45.343	ng		99
29) 2,4-Dichlorophenol	10.64	162	141856	48.887	ng		94
30) 1,2,4-Trichlorobenzene	10.86	180	140132	43.015	ng		95
31) Naphthalene	11.05	128	416861	45.415	ng		100
32) Benzoic acid	10.23	122	36902	26.258	ng		95
33) 4-Chloroaniline	11.16	127	4633	1.089	ng		92
34) Hexachlorobutadiene	11.32	225	89382	41.256	ng		95
35) Caprolactam	11.94	113	42100m	35.062	ng		
36) 4-Chloro-3-methylphenol	12.25	107	160638	47.869	ng		99
37) 2-Methylnaphthalene	12.65	142	318400	46.834	ng		96
38) 1-Methylnaphthalene	12.86	142	302384	46.142	ng		100
40) 1,2,4,5-Tetrachlorobenzene	13.01	216	169411	42.335	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.98	237	196825	90.262	ng		97
43) 2,4,6-Trichlorophenol	13.24	196	117085	47.587	ng		98
44) 2,4,5-Trichlorophenol	13.30	196	127277	49.356	ng		98
46) 1,1'-Biphenyl	13.64	154	434208	41.493	ng		99
47) 2-Chloronaphthalene	13.69	162	322495	40.966	ng		100
48) 2-Nitroaniline	13.89	65	111664	49.140	ng		98
49) Acenaphthylene	14.53	152	542377	45.660	ng		99
50) Dimethylphthalate	14.26	163	446550	43.961	ng		99
51) 2,6-Dinitrotoluene	14.38	165	94506	49.537	ng		95
52) Acenaphthene	14.87	154	334255	43.350	ng		96
53) 3-Nitroaniline	14.71	138	4269	7.625	ng	#	80
54) 2,4-Dinitrophenol	14.91	184	41145	57.104	ng		93
55) Dibenzofuran	15.20	168	530794	42.935	ng		96
56) 4-Nitrophenol	15.00	139	161232	87.223	ng		93
57) 2,4-Dinitrotoluene	15.16	165	130471	52.730	ng		95
58) Fluorene	15.85	166	424995	46.115	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.42	232	128920	53.394	ng		99
60) Diethylphthalate	15.61	149	455296	43.351	ng		98
61) 4-Chlorophenyl-phenylether	15.84	204	218707	41.911	ng		98
62) 4-Nitroaniline	15.87	138	86332	41.184	ng		97
63) Azobenzene	16.13	77	435587	42.434	ng		98
65) 4,6-Dinitro-2-methylphenol	15.91	198	43099	38.765	ng		92
66) n-Nitrosodiphenylamine	16.05	169	397241	42.504	ng		97
67) 4-Bromophenyl-phenylether	16.73	248	144253	42.305	ng		97
68) Hexachlorobenzene	16.84	284	149741	43.770	ng		97
69) Atrazine	16.99	200	157214	46.031	ng		98
70) Pentachlorophenol	17.19	266	158723	66.754	ng		97
71) Phenanthrene	17.59	178	730295	45.907	ng		99
72) Anthracene	17.68	178	742903	47.410	ng		99
73) Carbazole	17.95	167	667829	42.705	ng		99
74) Di-n-butylphthalate	18.49	149	815798	44.716	ng		99
75) Fluoranthene	19.59	202	891545	48.284	ng		100
77) Benzidine	19.77	184	68966	6.619	ng		95
78) Pyrene	19.95	202	896347	45.308	ng		98
80) Butylbenzylphthalate	20.83	149	383537	45.958	ng		98
81) Benzo(a)anthracene	21.82	228	879557	46.839	ng		98
82) 3,3'-Dichlorobenzidine	21.73	252	31479	4.521	ng		97
83) Chrysene	21.89	228	820954	45.926	ng		99
84) Bis(2-ethylhexyl)phthalate	21.71	149	533789	44.834	ng	#	99
85) Di-n-octyl phthalate	22.97	149	911326	46.331	ng		99
86) Indeno(1,2,3-cd)pyrene	29.13	276	995500	51.905	ng		99
88) Benzo(b)fluoranthene	24.15	252	870878	47.613	ng		99
89) Benzo(k)fluoranthene	24.23	252	842451	45.876	ng		99
90) Benzo(a)pyrene	25.08	252	849304	48.214	ng		98
91) Dibenzo(a,h)anthracene	29.22	278	800186	48.505	ng		98
92) Benzo(g,h,i)perylene	30.36	276	820000	49.870	ng		99

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

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