Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
Data File : BG039340.D
Acq On : 30 Jan 2019 23:11
Operator : JU/SJ
Sample : K1282-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1MSD

Manual Integrations APPROVED
mohammad
2/1/2019 12:05:48 AM

Quant Time: Jan 31 06:13:08 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	46601	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	201734	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	138929	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	347549	20.00	ng	0.00
76) Chrysene-d12	21.85	240	351717	20.00	ng	0.00
87) Perylene-d12	25.23	264	362922	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	339693	124.76	ng	0.00
7) Phenol-d6	7.32	99	465518	116.15	ng	0.00
23) Nitrobenzene-d5	9.36	82	313569	97.10	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	212743	142.21	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	775688	80.10	ng	0.00
79) Terphenyl-d14	20.14	244	1330143	80.05	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.62	88	35772	30.035	ng	# 42
3) Pyridine	4.03	79	102551	32.521	ng	98
4) n-Nitrosodimethylamine	3.93	42	62231	39.461	ng	94
6) Aniline	7.51	93	50726	10.104	ng	96
8) 2-Chlorophenol	7.74	128	122546	41.174	ng	98
9) Benzaldehyde	7.32	77	100347	56.263	ng	93
10) Phenol	7.35	94	155253	37.160	ng	97
11) bis(2-Chloroethyl)ether	7.60	93	124759	37.791	ng	98
12) 1,3-Dichlorobenzene	8.07	146	133530	37.035	ng	100
13) 1,4-Dichlorobenzene	8.22	146	136021	37.850	ng	95
14) 1,2-Dichlorobenzene	8.53	146	132223	38.006	ng	96
15) Benzyl Alcohol	8.42	79	130771	41.560	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.70	45	263043	35.283	ng	99
17) 2-Methylphenol	8.60	107	113619	42.024	ng	99
18) Hexachloroethane	9.27	117	47976	38.804	ng	97
19) n-Nitroso-di-n-propylamine	8.99	70	106280	37.361	ng	95
20) 3+4-Methylphenols	8.93	107	155577	41.787	ng	98
22) Acetophenone	9.01	105	198984	36.720	ng	97
24) Nitrobenzene	9.40	77	154541	44.299	ng	98
25) Isophorone	9.91	82	313211	43.770	ng	99
26) 2-Nitrophenol	10.11	139	66830	48.731	ng	94
27) 2,4-Dimethylphenol	10.15	122	139185	48.082	ng	98
28) bis(2-Chloroethoxy)methane	10.40	93	185470	42.079	ng	97
29) 2,4-Dichlorophenol	10.64	162	142414	45.014	ng	94
30) 1,2,4-Trichlorobenzene	10.86	180	138626	39.028	ng	98
31) Naphthalene	11.05	128	413739	41.341	ng	99
32) Benzoic acid	10.24	122	55382	32.747	ng	92
33) 4-Chloroaniline	11.17	127	7371	1.588	ng	# 92
34) Hexachlorobutadiene	11.32	225	90783	38.432	ng	94
35) Caprolactam	11.94	113	40887m	31.231	ng	
36) 4-Chloro-3-methylphenol	12.25	107	158328	43.272	ng	98
37) 2-Methylnaphthalene	12.65	142	320106	43.185	ng	98
38) 1-Methylnaphthalene	12.86	142	301911	42.254	ng	100
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	170988	38.682	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	203209	84.365	ng		98
43) 2,4,6-Trichlorophenol	13.24	196	118046	43.434	ng		98
44) 2,4,5-Trichlorophenol	13.31	196	131728	46.244	ng		99
46) 1,1'-Biphenyl	13.64	154	427802	37.010	ng		100
47) 2-Chloronaphthalene	13.69	162	327063	37.612	ng		99
48) 2-Nitroaniline	13.89	65	113562	45.900	ng		96
49) Acenaphthylene	14.53	152	539730	41.134	ng		98
50) Dimethylphthalate	14.26	163	452952	40.368	ng		98
51) 2,6-Dinitrotoluene	14.38	165	97685	46.776	ng		98
52) Acenaphthene	14.87	154	338413	39.733	ng		99
53) 3-Nitroaniline	14.71	138	7248	8.609	ng	#	93
54) 2,4-Dinitrophenol	14.91	184	42711	54.648	ng		96
55) Dibenzofuran	15.20	168	531617	38.929	ng		99
56) 4-Nitrophenol	15.00	139	159091	78.533	ng		96
57) 2,4-Dinitrotoluene	15.16	165	134403	49.703	ng		92
58) Fluorene	15.85	166	426162	41.863	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.42	232	129710	48.633	ng		100
60) Diethylphthalate	15.61	149	467168	40.269	ng		98
61) 4-Chlorophenyl-phenylether	15.84	204	223923	38.847	ng		98
62) 4-Nitroaniline	15.87	138	91801	39.803	ng		96
63) Azobenzene	16.13	77	432026	38.101	ng		98
65) 4,6-Dinitro-2-methylphenol	15.92	198	45022	36.617	ng		97
66) n-Nitrosodiphenylamine	16.05	169	405354	38.358	ng		98
67) 4-Bromophenyl-phenylether	16.73	248	147018	38.130	ng		98
68) Hexachlorobenzene	16.84	284	149732	38.707	ng		95
69) Atrazine	16.99	200	162825	42.162	ng		96
70) Pentachlorophenol	17.19	266	174814	65.020	ng		98
71) Phenanthrene	17.59	178	731036	40.640	ng		100
72) Anthracene	17.68	178	748275	42.232	ng		98
73) Carbazole	17.95	167	664649	37.588	ng		100
74) Di-n-butylphthalate	18.49	149	810956	39.311	ng		100
75) Fluoranthene	19.59	202	892662	42.755	ng		99
77) Benzidine	19.77	184	82891	7.188	ng		98
78) Pyrene	19.95	202	898716	41.046	ng		100
80) Butylbenzylphthalate	20.83	149	378853	41.018	ng		96
81) Benzo(a)anthracene	21.82	228	879823	42.334	ng		100
82) 3,3'-Dichlorobenzidine	21.73	252	47872	6.212	ng		98
83) Chrysene	21.89	228	818805	41.388	ng		99
84) Bis(2-ethylhexyl)phthalate	21.70	149	518696	39.364	ng	#	100
85) Di-n-octyl phthalate	22.97	149	905478	41.594	ng		98
86) Indeno(1,2,3-cd)pyrene	29.14	276	972883	45.834	ng		99
88) Benzo(b)fluoranthene	24.15	252	863752	43.641	ng		98
89) Benzo(k)fluoranthene	24.22	252	834640	42.003	ng		99
90) Benzo(a)pyrene	25.07	252	842986	44.225	ng		99
91) Dibenzo(a,h)anthracene	29.21	278	783000	43.863	ng		100
92) Benzo(g,h,i)perylene	30.37	276	801616	45.054	ng		98

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

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