Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041342.D
Acq On : 20 Jun 2019 1:49
Operator : HP/JU
Sample : K3163-10MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-AMS

Manual Integrations APPROVED
mohammad
6/21/2019 9:57:48 PM

Quant Time: Jun 20 03:40:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	40743	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	155941	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	107122	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	259204	20.00	ng		0.00
76) Chrysene-d12	21.75	240	244765	20.00	ng		0.00
87) Perylene-d12	25.06	264	237698	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	283182	127.71	ng		0.00
7) Phenol-d6	7.24	99	382663	119.06	ng		0.00
23) Nitrobenzene-d5	9.27	82	320435	86.42	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	224419	136.46	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	719649	91.31	ng		0.00
79) Terphenyl-d14	20.06	244	1157223	93.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	29774m	26.777	ng		
3) Pyridine	3.91	79	57270	19.415	ng		94
4) n-Nitrosodimethylamine	3.81	42	54624	34.725	ng		99
6) Aniline	7.42	93	35651	7.980	ng		99
8) 2-Chlorophenol	7.64	128	103417	39.692	ng		98
9) Benzaldehyde	7.22	77	70829	34.453	ng		94
10) Phenol	7.27	94	121858	35.256	ng		99
11) bis(2-Chloroethyl)ether	7.50	93	95622	36.462	ng		99
12) 1,3-Dichlorobenzene	7.97	146	117462	36.006	ng		93
13) 1,4-Dichlorobenzene	8.12	146	122416	36.735	ng		95
14) 1,2-Dichlorobenzene	8.44	146	115634	36.329	ng		98
15) Benzyl Alcohol	8.33	79	105900	34.389	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	149464	34.815	ng		98
17) 2-Methylphenol	8.53	107	93754	37.941	ng		95
18) Hexachloroethane	9.16	117	43650	33.055	ng		99
19) n-Nitroso-di-n-propylamine	8.89	70	92288	35.501	ng		97
20) 3+4-Methylphenols	8.86	107	125458	38.139	ng		95
22) Acetophenone	8.91	105	179536	39.564	ng	#	97
24) Nitrobenzene	9.31	77	151828	40.714	ng		97
25) Isophorone	9.82	82	260049	38.228	ng		100
26) 2-Nitrophenol	10.02	139	63802	42.201	ng		96
27) 2,4-Dimethylphenol	10.06	122	101991	45.005	ng		97
28) bis(2-Chloroethoxy)methane	10.30	93	135443	38.212	ng		98
29) 2,4-Dichlorophenol	10.55	162	123813	44.062	ng		97
30) 1,2,4-Trichlorobenzene	10.76	180	141884	39.426	ng		98
31) Naphthalene	10.96	128	350147	41.314	ng		99
32) Benzoic acid	10.21	122	46779	31.709	ng		98
33) 4-Chloroaniline	11.08	127	22584	6.274	ng	#	89
34) Hexachlorobutadiene	11.21	225	107131	37.503	ng		99
35) Caprolactam	11.87	113	29030m	30.009	ng		
36) 4-Chloro-3-methylphenol	12.19	107	131754	40.593	ng		95
37) 2-Methylnaphthalene	12.56	142	255878	40.992	ng		98
38) 1-Methylnaphthalene	12.77	142	242835	40.661	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	193383	43.718	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	56562	18.983	ng		96
43) 2,4,6-Trichlorophenol	13.16	196	117165	42.818	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	123354	43.812	ng		98
46) 1,1'-Biphenyl	13.55	154	345662	42.683	ng		97
47) 2-Chloronaphthalene	13.60	162	287947	41.299	ng		98
48) 2-Nitroaniline	13.81	65	101664	39.814	ng		93
49) Acenaphthylene	14.45	152	439071	41.500	ng		99
50) Dimethylphthalate	14.17	163	361775	37.957	ng		98
51) 2,6-Dinitrotoluene	14.30	165	80762	40.186	ng		96
52) Acenaphthene	14.78	154	256234	41.243	ng		99
53) 3-Nitroaniline	14.64	138	36728	18.549	ng		98
54) 2,4-Dinitrophenol	14.84	184	29239	23.854	ng		94
55) Dibenzofuran	15.12	168	443587	41.066	ng		100
56) 4-Nitrophenol	14.95	139	111490	74.355	ng		99
57) 2,4-Dinitrotoluene	15.09	165	114407	38.943	ng		96
58) Fluorene	15.76	166	346132	40.734	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	121398	41.695	ng		99
60) Diethylphthalate	15.52	149	367197	37.903	ng		100
61) 4-Chlorophenyl-phenylether	15.75	204	216648	39.187	ng		99
62) 4-Nitroaniline	15.81	138	75669	35.731	ng		97
63) Azobenzene	16.05	77	342043	39.576	ng		97
65) 4,6-Dinitro-2-methylphenol	15.85	198	25893	15.390	ng		94
66) n-Nitrosodiphenylamine	15.97	169	311288	45.229	ng		98
67) 4-Bromophenyl-phenylether	16.65	248	141481	42.213	ng		95
68) Hexachlorobenzene	16.76	284	145837	40.635	ng		98
69) Atrazine	16.91	200	123995	60.411	ng		98
70) Pentachlorophenol	17.11	266	180035	97.964	ng		96
71) Phenanthrene	17.51	178	584663	42.292	ng		99
72) Anthracene	17.60	178	595798	43.716	ng		99
73) Carbazole	17.87	167	512773	43.010	ng		99
74) Di-n-butylphthalate	18.40	149	606142	40.746	ng		99
75) Fluoranthene	19.51	202	735453	40.045	ng		98
77) Benzidine	19.70	184	42695	7.212	ng		99
78) Pyrene	19.88	202	739118	44.776	ng		99
80) Butylbenzylphthalate	20.74	149	266402	42.667	ng		96
81) Benzo(a)anthracene	21.72	228	714070	43.087	ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	185518	31.889	ng		98
83) Chrysene	21.79	228	689700	43.275	ng		98
84) Bis(2-ethylhexyl)phthalate	21.59	149	365375	42.940	ng		99
85) Di-n-octyl phthalate	22.82	149	628565	43.663	ng		100
86) Indeno(1,2,3-cd)pyrene	28.87	276	517383	27.362	ng	#	82
88) Benzo(b)fluoranthene	24.00	252	643496m	43.683	ng		
89) Benzo(k)fluoranthene	24.07	252	663210	45.447	ng		100
90) Benzo(a)pyrene	24.91	252	624922	44.919	ng		99
91) Dibenzo(a,h)anthracene	28.94	278	410968	29.342	ng		96
92) Benzo(g,h,i)perylene	30.08	276	320714	23.170	ng	#	97

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

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