Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
Data File : BG043679.D
Acq On : 18 Nov 2019 18:54
Operator : JU
Sample : K5833-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MS

Manual Integrations APPROVED
mohammad
11/19/2019 2:37:09 PM

Quant Time: Nov 19 02:39:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27375	20.00	ng		-0.02
21) Naphthalene-d8	10.80	136	104964	20.00	ng		-0.02
39) Acenaphthene-d10	14.62	164	76426	20.00	ng		-0.02
64) Phenanthrene-d10	17.37	188	182846	20.00	ng		-0.02
76) Chrysene-d12	21.63	240	197158	20.00	ng		-0.02
87) Perylene-d12	24.81	264	242575	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	145212	97.20	ng		0.00
7) Phenol-d6	7.19	99	202856	94.38	ng		0.00
23) Nitrobenzene-d5	9.16	82	122626	60.23	ng		-0.02
42) 2,4,6-Tribromophenol	16.12	330	123906	85.19	ng		-0.02
45) 2-Fluorobiphenyl	13.24	172	342421	61.91	ng		-0.02
79) Terphenyl-d14	19.98	244	686829	65.36	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	21300	36.588	ng	#	95
3) Pyridine	3.86	79	51422	35.016	ng		92
4) n-Nitrosodimethylamine	3.77	42	33557	45.284	ng		88
6) Aniline	7.33	93	26097	10.540	ng		91
8) 2-Chlorophenol	7.57	128	74217	45.005	ng		95
9) Benzaldehyde	7.13	77	34002	32.190	ng		97
10) Phenol	7.22	94	94907	48.321	ng		99
11) bis(2-Chloroethyl)ether	7.41	93	58499	38.524	ng		98
12) 1,3-Dichlorobenzene	7.89	146	80578	38.999	ng		99
13) 1,4-Dichlorobenzene	8.03	146	82891	39.652	ng		99
14) 1,2-Dichlorobenzene	8.35	146	76849	37.650	ng		98
15) Benzyl Alcohol	8.24	79	61798	40.939	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	82520	37.372	ng		95
17) 2-Methylphenol	8.46	107	59495	41.552	ng		97
18) Hexachloroethane	9.07	117	28626	37.955	ng		99
19) n-Nitroso-di-n-propylamine	8.80	70	52537	37.827	ng	#	89
20) 3+4-Methylphenols	8.79	107	84309	42.941	ng		94
22) Acetophenone	8.82	105	106345	39.563	ng		97
24) Nitrobenzene	9.20	77	81736	42.143	ng	#	94
25) Isophorone	9.72	82	152433	40.951	ng		99
26) 2-Nitrophenol	9.91	139	42451	45.336	ng	#	93
27) 2,4-Dimethylphenol	9.98	122	56500	42.100	ng		98
28) bis(2-Chloroethoxy)methane	10.20	93	81773	39.803	ng		98
29) 2,4-Dichlorophenol	10.47	162	79027	45.958	ng		93
30) 1,2,4-Trichlorobenzene	10.66	180	86667	39.990	ng		99
31) Naphthalene	10.85	128	229311	43.040	ng		98
32) Benzoic acid	10.17	122	33488	35.568	ng		97
33) 4-Chloroaniline	10.98	127	14015	6.417	ng	#	92
34) Hexachlorobutadiene	11.13	225	63311	39.518	ng		92
35) Caprolactam	11.73	113	25816m	43.592	ng		
36) 4-Chloro-3-methylphenol	12.11	107	85298	45.476	ng		97
37) 2-Methylnaphthalene	12.45	142	175844	43.014	ng		99
38) 1-Methylnaphthalene	12.67	142	168429	43.302	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	114393	40.444	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	104177	70.116	ng		96
43) 2,4,6-Trichlorophenol	13.07	196	73944	44.393	ng		97
44) 2,4,5-Trichlorophenol	13.16	196	76404	45.371	ng		99
46) 1,1'-Biphenyl	13.46	154	236981	40.760	ng		99
47) 2-Chloronaphthalene	13.50	162	182443	41.242	ng		98
48) 2-Nitroaniline	13.71	65	54869	41.499	ng		94
49) Acenaphthylene	14.35	152	303240	44.044	ng		98
50) Dimethylphthalate	14.08	163	288376	48.714	ng		99
51) 2,6-Dinitrotoluene	14.20	165	55973	43.523	ng		98
52) Acenaphthene	14.69	154	175154	41.717	ng		93
53) 3-Nitroaniline	14.54	138	15329	12.346	ng		100
54) 2,4-Dinitrophenol	14.75	184	59064	74.135	ng		96
55) Dibenzofuran	15.02	168	291861	42.865	ng		97
56) 4-Nitrophenol	14.88	139	71118	85.471	ng		93
57) 2,4-Dinitrotoluene	14.99	165	78354	42.632	ng		99
58) Fluorene	15.67	166	240688	42.147	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.26	232	75337	42.108	ng	#	98
60) Diethylphthalate	15.44	149	244737	41.146	ng		98
61) 4-Chlorophenyl-phenylether	15.66	204	138588	41.600	ng		98
62) 4-Nitroaniline	15.71	138	45882	35.781	ng		93
63) Azobenzene	15.96	77	206396	42.875	ng		97
65) 4,6-Dinitro-2-methylphenol	15.76	198	49021	45.556	ng		94
66) n-Nitrosodiphenylamine	15.88	169	216202	41.882	ng		97
67) 4-Bromophenyl-phenylether	16.56	248	98968	40.220	ng		98
68) Hexachlorobenzene	16.68	284	109464	38.754	ng		94
69) Atrazine	16.83	200	94827	52.865	ng		100
70) Pentachlorophenol	17.03	266	97706	75.915	ng		98
71) Phenanthrene	17.42	178	393902	42.070	ng		98
72) Anthracene	17.50	178	409423	43.705	ng		99
73) Carbazole	17.78	167	353489	41.669	ng		100
74) Di-n-butylphthalate	18.33	149	432511	42.018	ng		98
75) Fluoranthene	19.43	202	524511	42.969	ng		99
77) Benzidine	19.62	184	40396	10.181	ng		97
78) Pyrene	19.78	202	536990	44.002	ng		98
80) Butylbenzylphthalate	20.66	149	198183	42.864	ng		95
81) Benzo(a)anthracene	21.62	228	548609	44.422	ng		100
82) 3,3'-Dichlorobenzidine	21.53	252	77559	16.237	ng		99
83) Chrysene	21.68	228	536980	43.762	ng		97
84) Bis(2-ethylhexyl)phthalate	21.52	149	293805	44.734	ng		98
85) Di-n-octyl phthalate	22.71	149	505459	45.362	ng		100
86) Indeno(1,2,3-cd)pyrene	28.44	276	698187	45.329	ng	#	96
88) Benzo(b)fluoranthene	23.81	252	569411	41.446	ng		98
89) Benzo(k)fluoranthene	23.87	252	592488	42.838	ng		98
90) Benzo(a)pyrene	24.67	252	538242	41.026	ng		99
91) Dibenzo(a,h)anthracene	28.50	278	582714	43.424	ng		97
92) Benzo(g,h,i)perylene	29.58	276	587821	44.408	ng		99

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

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