Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043637.D
Acq On : 14 Nov 2019 17:13
Operator : JU
Sample : K5826-07MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-14B-SMSD

Manual Integrations APPROVED
mohammad
11/15/2019 6:00:32 PM

Quant Time: Nov 15 04:15:32 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	8.00	152	34524	20.00	ng		-0.01
21) Naphthalene-d8	10.80	136	142076	20.00	ng		-0.02
39) Acenaphthene-d10	14.63	164	101024	20.00	ng		-0.01
64) Phenanthrene-d10	17.37	188	241679	20.00	ng		-0.02
76) Chrysene-d12	21.64	240	260096	20.00	ng		-0.02
87) Perylene-d12	24.82	264	310114	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	168696	89.54	ng		0.00
7) Phenol-d6	7.20	99	238926	88.14	ng		0.00
23) Nitrobenzene-d5	9.16	82	140806	51.09	ng		-0.02
42) 2,4,6-Tribromophenol	16.12	330	138817	72.21	ng		-0.01
45) 2-Fluorobiphenyl	13.25	172	381653	52.20	ng		-0.02
79) Terphenyl-d14	19.98	244	727148	52.45	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	19820	26.996	ng	#	89
3) Pyridine	3.86	79	49530	26.744	ng		100
4) n-Nitrosodimethylamine	3.78	42	31037	33.211	ng	#	87
6) Aniline	7.33	93	47481	15.206	ng		91
8) 2-Chlorophenol	7.58	128	72599	34.907	ng		96
9) Benzaldehyde	7.13	77	33949	25.484	ng		94
10) Phenol	7.23	94	101037	40.790	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	57923	30.246	ng		99
12) 1,3-Dichlorobenzene	7.89	146	78116	29.978	ng		94
13) 1,4-Dichlorobenzene	8.03	146	77862	29.533	ng		98
14) 1,2-Dichlorobenzene	8.35	146	76160	29.586	ng		94
15) Benzyl Alcohol	8.25	79	63868	33.549	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	80412	28.877	ng		98
17) 2-Methylphenol	8.47	107	61758	34.201	ng		96
18) Hexachloroethane	9.08	117	27545	28.959	ng		95
19) n-Nitroso-di-n-propylamine	8.80	70	51166	29.211	ng		93
20) 3+4-Methylphenols	8.80	107	80218	32.397	ng	#	81
22) Acetophenone	8.82	105	103033	28.318	ng	#	92
24) Nitrobenzene	9.20	77	80484	30.658	ng	#	97
25) Isophorone	9.72	82	144764	28.732	ng		98
26) 2-Nitrophenol	9.91	139	41312	32.595	ng		96
27) 2,4-Dimethylphenol	9.99	122	68231	37.561	ng		95
28) bis(2-Chloroethoxy)methane	10.21	93	79861	28.719	ng		99
29) 2,4-Dichlorophenol	10.47	162	75137	32.282	ng		98
30) 1,2,4-Trichlorobenzene	10.66	180	84501	28.805	ng		98
31) Naphthalene	10.85	128	222299	30.825	ng		98
32) Benzoic acid	10.17	122	31880	27.700	ng		96
33) 4-Chloroaniline	10.98	127	28470	9.631	ng		93
34) Hexachlorobutadiene	11.13	225	61207	28.225	ng		92
35) Caprolactam	11.73	113	24098m	30.062	ng		
36) 4-Chloro-3-methylphenol	12.12	107	80782	31.819	ng		98
37) 2-Methylnaphthalene	12.46	142	168581	30.466	ng		99
38) 1-Methylnaphthalene	12.67	142	159879	30.367	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	110525	29.562	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	94262	47.995	ng		97
43) 2,4,6-Trichlorophenol	13.07	196	67780	30.784	ng		91
44) 2,4,5-Trichlorophenol	13.17	196	72246	32.456	ng		97
46) 1,1'-Biphenyl	13.46	154	229110	29.811	ng		98
47) 2-Chloronaphthalene	13.50	162	174259	29.800	ng		97
48) 2-Nitroaniline	13.72	65	52204	29.870	ng		91
49) Acenaphthylene	14.35	152	289200	31.777	ng		99
50) Dimethylphthalate	14.08	163	277469	35.459	ng		99
51) 2,6-Dinitrotoluene	14.20	165	51826	30.486	ng		96
52) Acenaphthene	14.69	154	170353	30.694	ng		99
53) 3-Nitroaniline	14.54	138	24695	15.046	ng		96
54) 2,4-Dinitrophenol	14.75	184	48616	48.911	ng		89
55) Dibenzofuran	15.02	168	278135	30.903	ng		98
56) 4-Nitrophenol	14.89	139	69056	62.785	ng		94
57) 2,4-Dinitrotoluene	14.99	165	73432	30.226	ng	#	92
58) Fluorene	15.68	166	233849	30.979	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	71868m	30.388	ng		
60) Diethylphthalate	15.44	149	226290	28.781	ng		98
61) 4-Chlorophenyl-phenylether	15.66	204	130334	29.596	ng		97
62) 4-Nitroaniline	15.71	138	46499	27.433	ng		91
63) Azobenzene	15.96	77	196010	30.804	ng		94
65) 4,6-Dinitro-2-methylphenol	15.76	198	42120	29.614	ng		94
66) n-Nitrosodiphenylamine	15.88	169	205337	30.094	ng		97
67) 4-Bromophenyl-phenylether	16.56	248	92297	28.378	ng		97
68) Hexachlorobenzene	16.68	284	105110	28.154	ng		95
69) Atrazine	16.83	200	89078	37.571	ng		98
70) Pentachlorophenol	17.04	266	81979	48.190	ng		97
71) Phenanthrene	17.42	178	368624	29.786	ng		99
72) Anthracene	17.51	178	382391	30.882	ng		98
73) Carbazole	17.79	167	331843	29.595	ng		99
74) Di-n-butylphthalate	18.33	149	403067	29.626	ng		99
75) Fluoranthene	19.42	202	483412	29.962	ng		98
77) Benzidine	19.61	184	259718	49.616	ng		100
78) Pyrene	19.79	202	496025	30.810	ng		98
80) Butylbenzylphthalate	20.67	149	182435	29.910	ng		96
81) Benzo(a)anthracene	21.62	228	511534	31.397	ng		98
82) 3,3'-Dichlorobenzidine	21.54	252	107731	17.096	ng		97
83) Chrysene	21.69	228	495403	30.604	ng		98
84) Bis(2-ethylhexyl)phthalate	21.52	149	271693	31.357	ng		96
85) Di-n-octyl phthalate	22.71	149	470341	31.996	ng		99
86) Indeno(1,2,3-cd)pyrene	28.46	276	646174	31.801	ng	#	98
88) Benzo(b)fluoranthene	23.81	252	531353	30.253	ng		99
89) Benzo(k)fluoranthene	23.88	252	547222	30.949	ng		99
90) Benzo(a)pyrene	24.67	252	500544	29.844	ng		99
91) Dibenzo(a,h)anthracene	28.50	278	547239	31.899	ng		98
92) Benzo(g,h,i)perylene	29.59	276	540393	31.934	ng		96

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

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